

Colour television

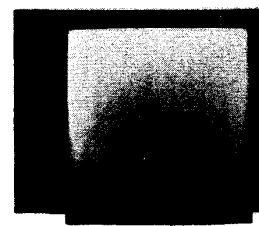
63KV9636/38M

Service
Service
Service

63KV9647/29M

256269IR/22M/31M

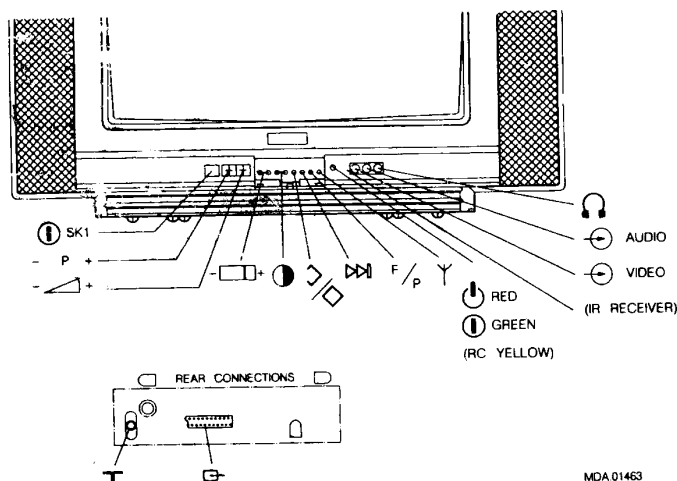
256279IR/22M/24M/31M



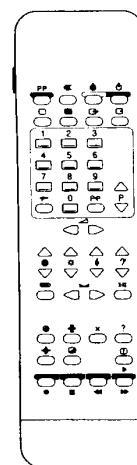
Service Manual

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.

CHASSIS G110 SV



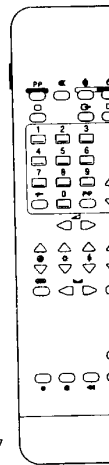
MDA 01463
T07-839



RC5903

MDA 01406
T28/821

MDA 01397
T28/821



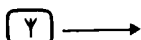
RC5903
-/38M

220-240 V ($\pm 10\%$)
90 W

A59EAK01X03

axbxc
730x535x447 mm

2x10W/8 Ω



63KV9636/38M { PAL B/G/I
SECAM B/G/L/L'

256269IR/22M { PAL B/G
256279IR/22M { SECAM B/G

63KV9647/29M
256269IR/31M
256279IR/24M
256279IR/31M } PAL B/G



UV816

VHF a : 47-170 MHz
VHF b : 170-450 MHz
UHF : 450-855 MHz

Documentation Technique Service Dokumentation Documentazione di Servizio Huolto-Ohje Manual de Servicio Manual de S

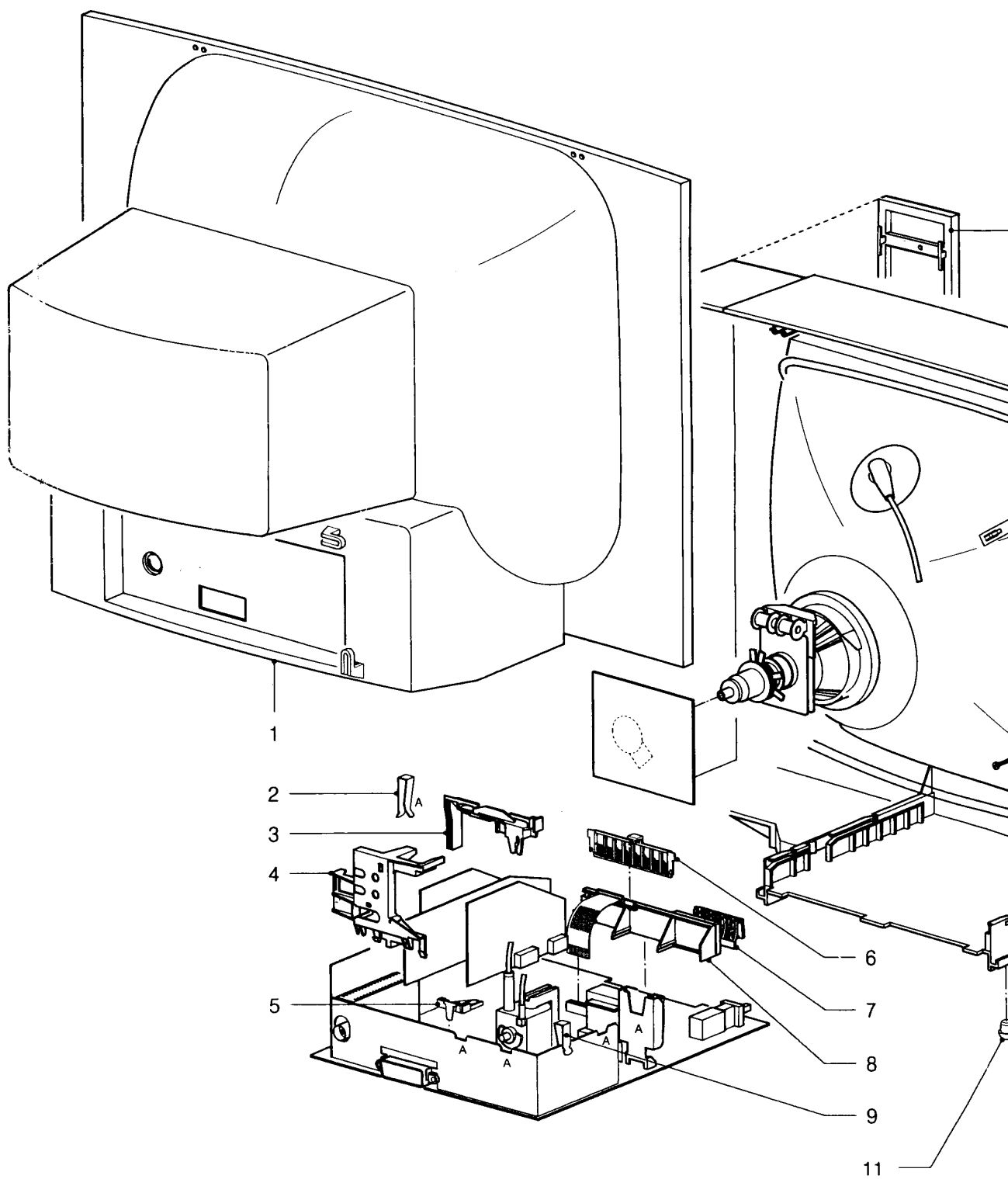
Subject to modification

4822 727 16848

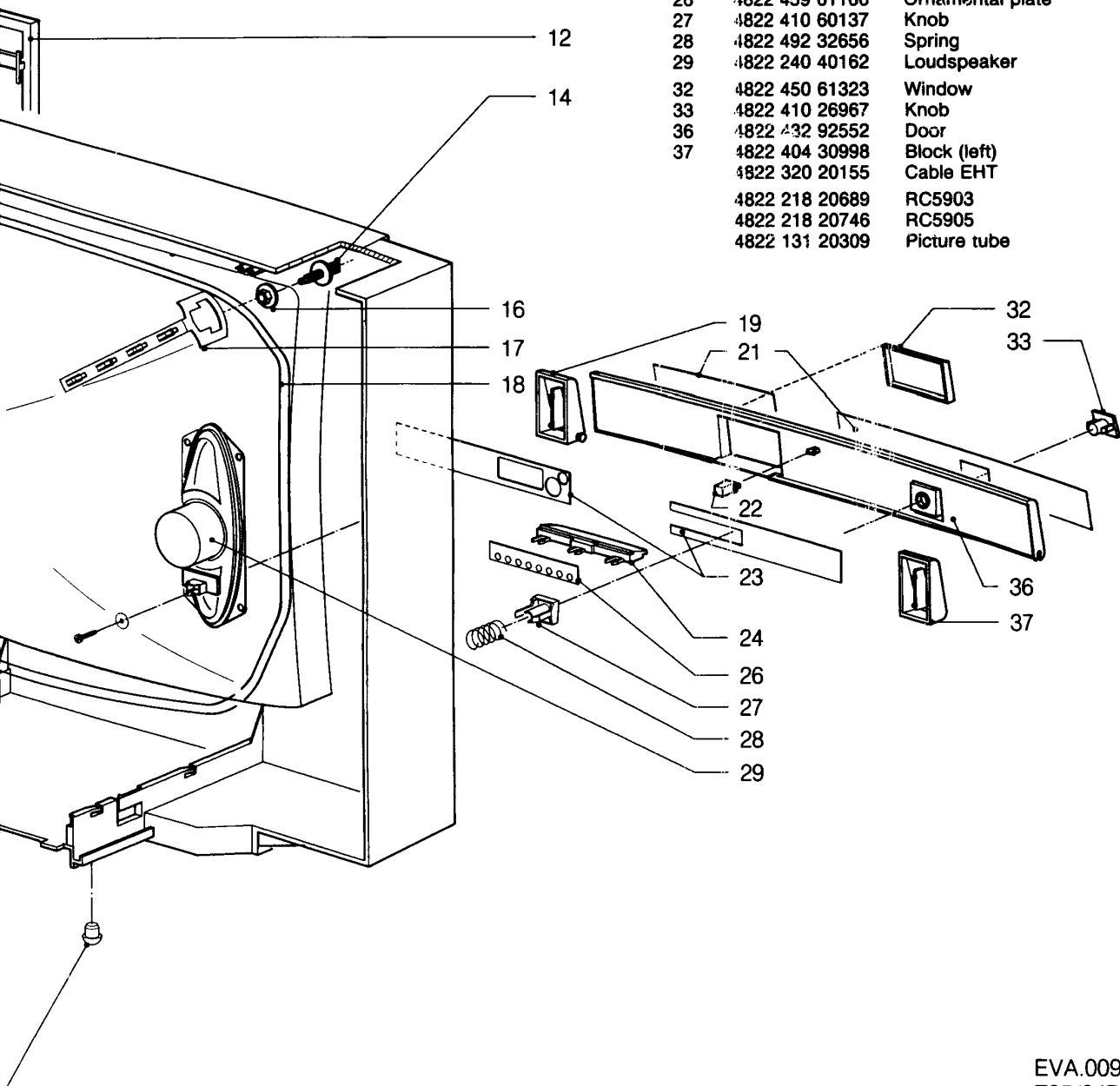
Printed in The Netherlands

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Published by
Service Consumer



| | | |
|----|----------------|---------------------|
| 1 | 4822 438 30228 | Rear cover |
| 2 | 4822 492 70143 | Spring |
| 3 | 4822 256 91541 | Bracket |
| 4 | 4822 404 30983 | Bracket |
| 5 | 4822 256 91373 | Bracket |
| 6 | 4822 410 26538 | Push button assy |
| 7 | 4822 410 26674 | Push button assy |
| 8 | 4822 218 20849 | Keyboard (soldered) |
| 9 | 4822 492 63733 | Spring |
| 11 | 4822 462 71537 | Foot |
| 12 | 4822 458 40518 | Grill (right) |
| | 4822 458 40519 | Grill (left) |
| 14 | 4822 502 12865 | Screw (spindle) |
| 16 | 4822 505 10903 | Nut |
| 17 | 4822 404 30869 | Bracket |
| 18 | 4822 157 53067 | Degaussing coil |
| 19 | 4822 404 30999 | Block (right) |
| 21 | 4822 459 10871 | Ornamental plate |
| 22 | 4822 417 50252 | Locking mechanism |
| 23 | 4822 460 10953 | Ornamental plate |
| 24 | 4822 454 12299 | Door stop |
| 26 | 4822 459 61166 | Ornamental plate |
| 27 | 4822 410 60137 | Knob |
| 28 | 4822 492 32656 | Spring |
| 29 | 4822 240 40162 | Loudspeaker |
| 32 | 4822 450 61323 | Window |
| 33 | 4822 410 26967 | Knob |
| 36 | 4822 432 92552 | Door |
| 37 | 4822 404 30998 | Block (left) |
| | 4822 320 20155 | Cable EHT |
| | 4822 218 20689 | RC5903 |
| | 4822 218 20746 | RC5905 |
| | 4822 131 20309 | Picture tube |



../..

2.7 Afin de satisfaire aux normes, le code RC5 présent sur la broche 8 de la prise péritélévision, est supprimé.

En conséquence les résistances 3765-3766-3767 et le transistor 7766 ne seront plus câblés.

2.8 Afin de résoudre les problèmes de commutation en "Mode Externe" le microprocesseur 7720 - Version 2475 est remplacé par version 2476 :
code : 4811 209 77084

2.9 Concerne version "black line" uniquement.

2.9.1. Afin d'éviter la cassure des lignes verticales :

- 2462 est supprimé
- 3465 passe de 680k Ω à 1,5 M Ω :
code 4811 110 97002

2.9.2. Afin de diminuer le contraste sur "sous titre" :

un condensateur 2336 470pF code 4811 120 97001 est ajouté entre la base de 7351 et la masse.

La résistance 3415 située sur le support tube image passe de 15k Ω à 16k Ω
code 4811 116 77006

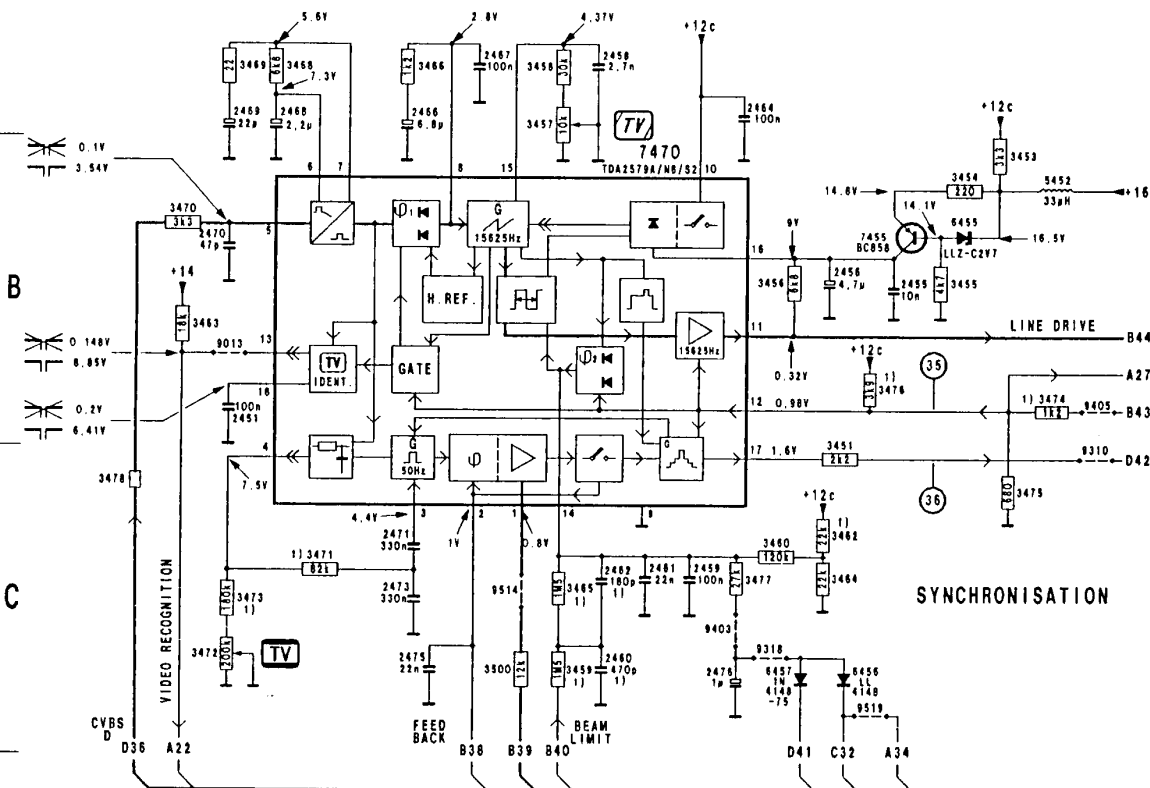
OBJET : Mise à jour de la documentation pour les châssis G110 équipant les téléviseurs produits par le centre de fabrication identifié QG.

- | 1. Documents fournis avec cette information. | Pages |
|----------------------------------------------|----------------|
| - Schéma A (commandes) | 3, 4, 5 |
| - Schéma B (Alimentation-Balayages) | 6, 7, 8 |
| - Schéma C (Tuner-FI) | 9, 10, 11 |
| - Schéma D (Chroma,Luminance,Scart) | 12, 13, 14, 15 |
| - Schéma F et dessins platine TRC | 15, 16, 17 |
| | |
| - Dessin Platine principale (côté éléments) | 18, 19, 20 |
| - Dessin Platine principale (côté cuivre) | 21, 22, 23 |
| | |
| - Schéma E et dessins, module Son stéréo | 24, 25, 26, 27 |
| - Schéma module connexion | 28 |
| - Schéma et dessins, module interface SVHS | 29, 30 |
- 2. Principales récentes modifications intervenues en fabrication.**
- 2.1 Remplacement du Tuner UV816 position 1000 par UV916 code 4811 210 17042.
Suite à ce changement 2332 passe de 330nF à 1µF code 4811 122 37259 et un strap CMS 3084 est ajouté code 4811 110 97001 (Interchangeable en Service).
- 2.2 Remplacement du circuit intégré TDA2579A/N8 position 7470 par TDA2579A/N8/S2 Code 4822 209 63423 (Interchangeable en Service)
- 2.3 Le condensateur 2551 passe de 0,47µF à 1,5µF code 4811 122 37261 afin d'éviter la cassure des lignes verticales blanches à l'intersection des lignes horizontales.
- 2.4 Afin d'augmenter la protection de l'alimentation, deux diodes câblées en série, 6625 et 6626 - BYD33D code 4822 130 42488 sont branchées entre la base du BUT18AF (7625) et la masse.
- 2.5 Les condensateurs 2758 - 2702 passent de 12pF à 10pF code 4822 122 31971 afin de recentrer l'OSD vers la droite.
- 2.6 La résistance 3512 passe de 1,5kΩ à 910Ω afin d'améliorer le cadrage vertical code 4811 116 77005

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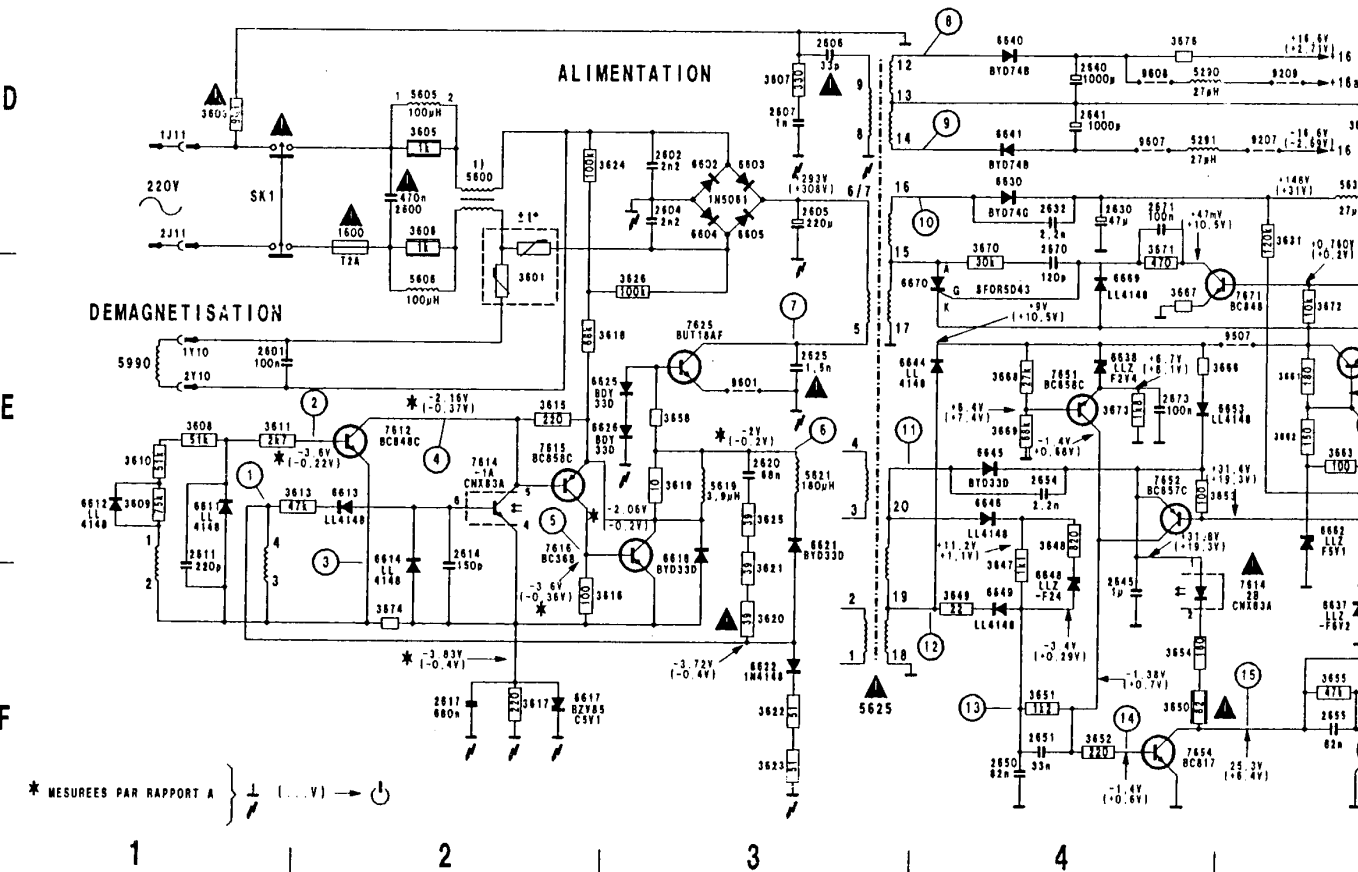
| | | | |
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B

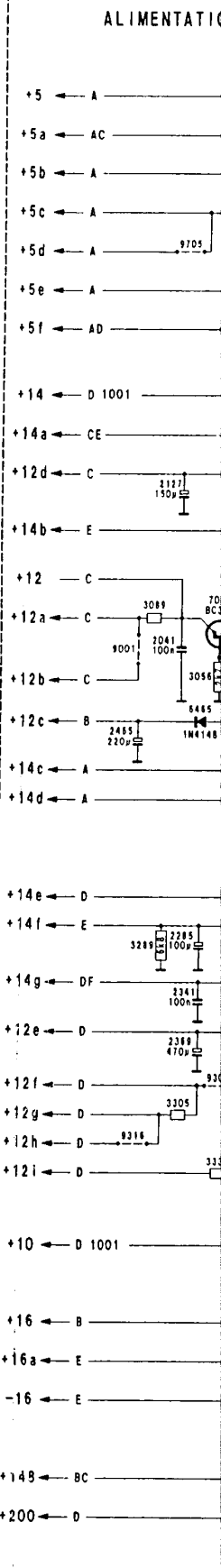
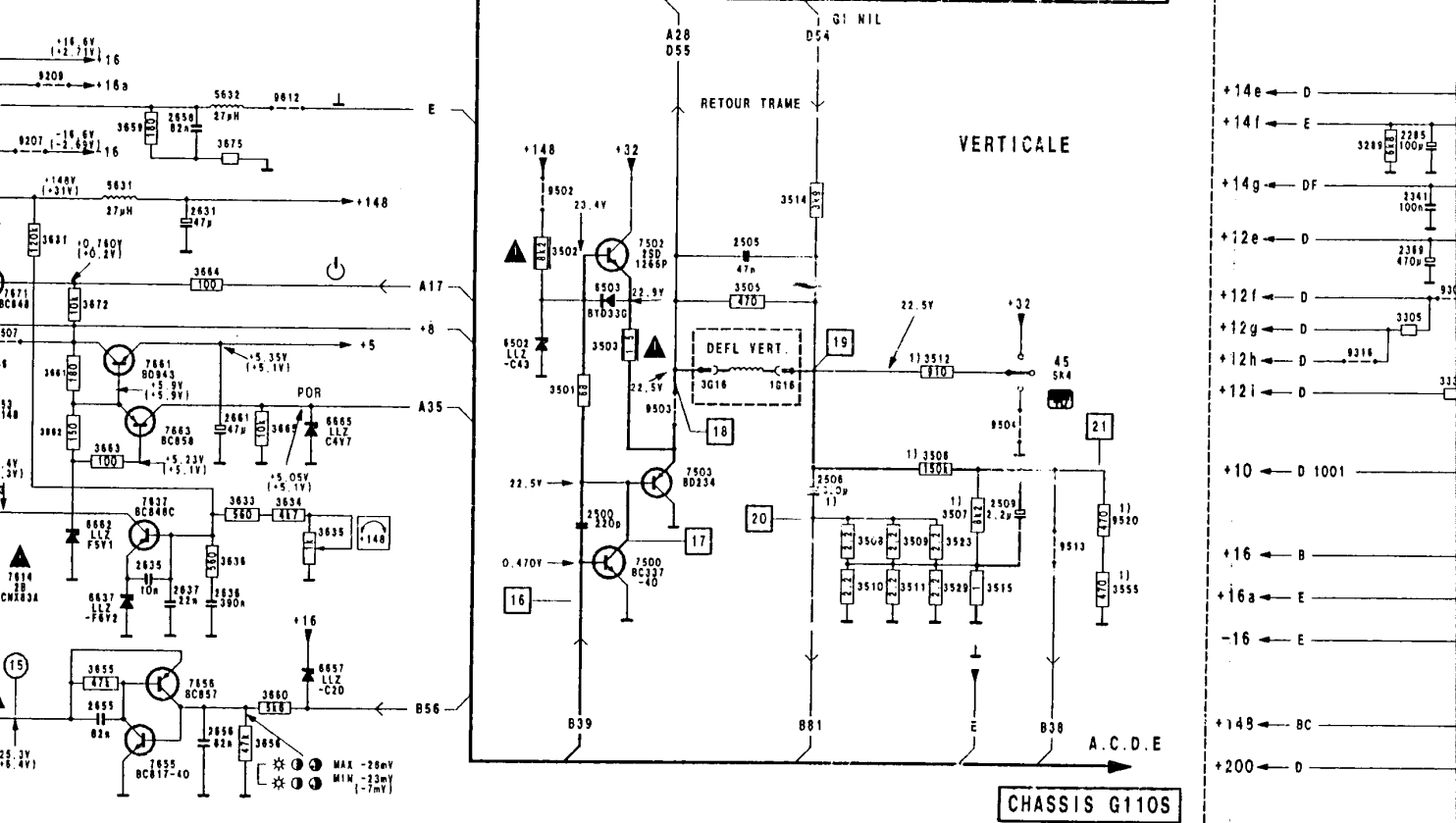
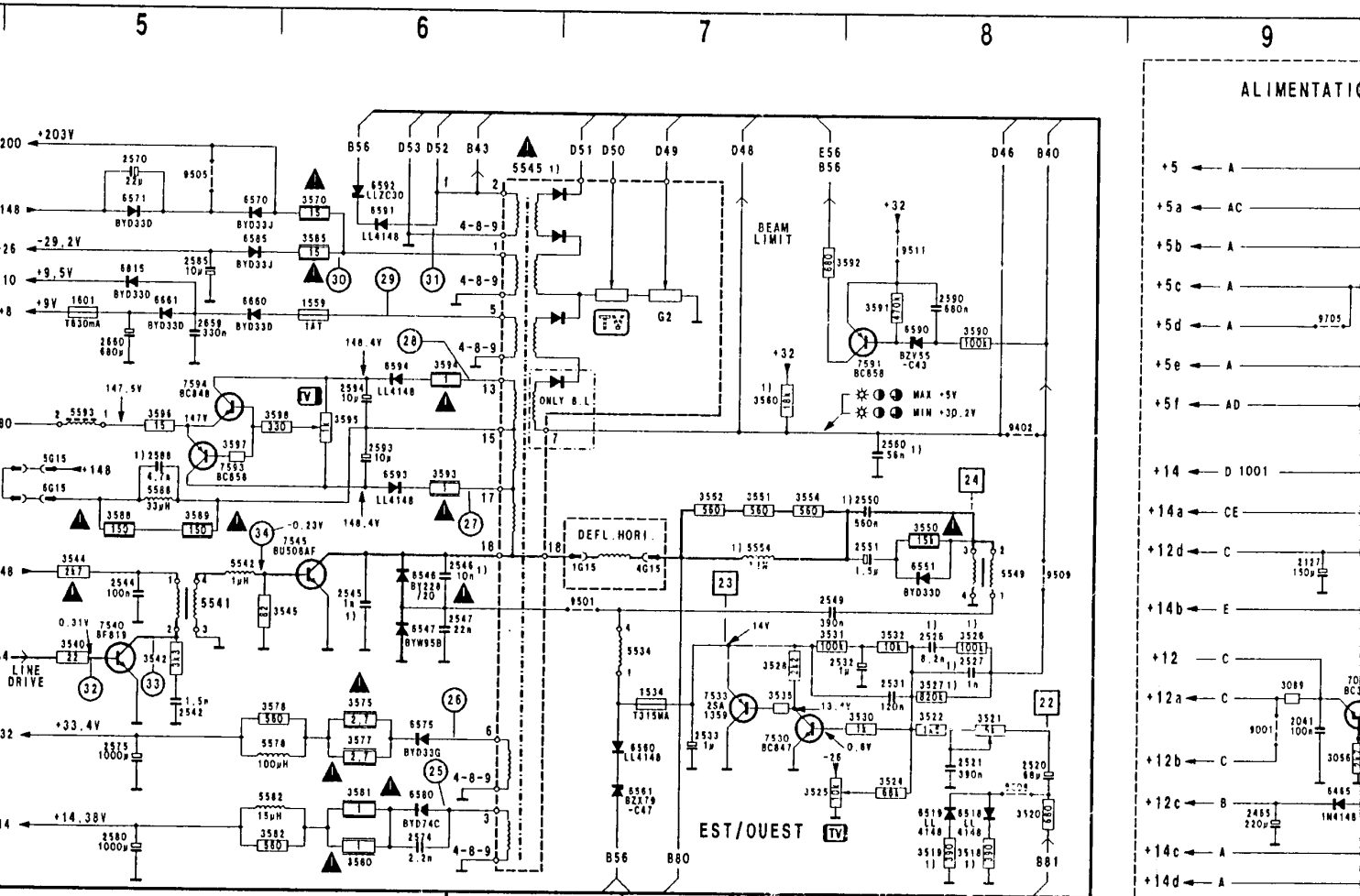


C

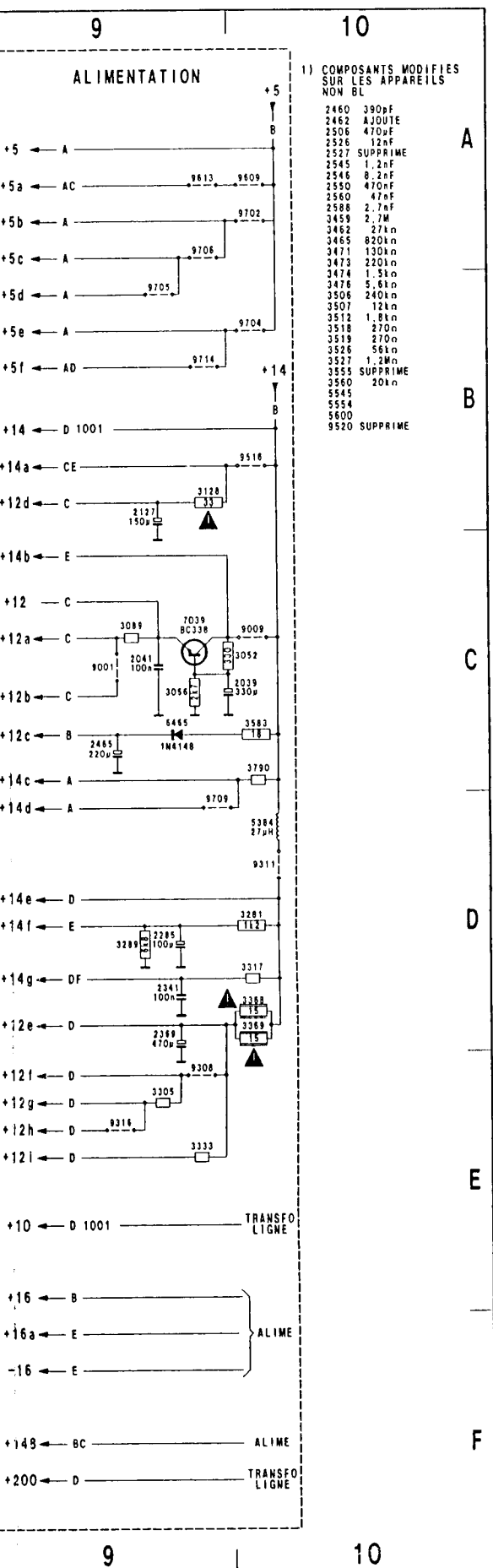
D



F



CHASSIS G110S



| | | | | | | | | | |
|------|-----|------|-----|------|-----|------|-----|------|-----|
| 45 | E 8 | 2659 | B 5 | 3591 | B 8 | 6456 | C 3 | 9502 | D 6 |
| SK1 | D 1 | 2660 | B 5 | 3592 | A 8 | 6457 | C 3 | 9503 | E 7 |
| 1G15 | B 7 | 2661 | E 6 | 3593 | B 6 | 6465 | C 9 | 9504 | E 8 |
| 1G16 | E 7 | 2670 | D 4 | 3594 | B 6 | 6502 | E 6 | 9505 | A 6 |
| 1J11 | D 1 | 2671 | D 4 | 3595 | B 6 | 6503 | E 7 | 9507 | E 6 |
| 1Y10 | E 1 | 2673 | E 4 | 3596 | B 5 | 6518 | C 8 | 9508 | C 8 |
| 1001 | E 9 | 3G16 | E 7 | 3597 | B 5 | 6519 | C 8 | 9509 | B 8 |
| 1001 | B 9 | 3052 | C10 | 3598 | B 6 | 6546 | B 6 | 9511 | A 8 |
| 1534 | C 7 | 3056 | C 9 | 3601 | E 2 | 6547 | C 6 | 9513 | E 8 |
| 1559 | B 6 | 3089 | C 9 | 3603 | D 1 | 6551 | B 8 | 9514 | C 2 |
| 1600 | D 2 | 3128 | B 9 | 3605 | D 2 | 6560 | C 7 | 9516 | B10 |
| 1601 | B 5 | 3281 | D10 | 3606 | D 2 | 6561 | C 7 | 9519 | C 3 |
| 2J11 | D 1 | 3289 | D 9 | 3607 | D 3 | 6570 | A 5 | 9520 | E 8 |
| 2Y10 | E 1 | 3305 | E 9 | 3608 | E 1 | 6571 | A 5 | 9601 | E 3 |
| 2039 | C10 | 3317 | D10 | 3609 | E 1 | 6575 | C 6 | 9607 | D 4 |
| 2041 | C 9 | 3333 | E 9 | 3610 | E 1 | 6580 | C 6 | 9608 | D 4 |
| 2127 | B 9 | 3368 | D10 | 3611 | E 1 | 6585 | A 5 | 9609 | A10 |
| 2285 | D 9 | 3369 | D10 | 3613 | E 2 | 6590 | B 8 | 9612 | D 5 |
| 2341 | D 9 | 3451 | B 3 | 3615 | E 2 | 6591 | A 6 | 9613 | A 9 |
| 2369 | D 9 | 3453 | B 4 | 3616 | F 3 | 6592 | A 6 | 9702 | A10 |
| 2451 | B 1 | 3454 | B 4 | 3617 | F 2 | 6593 | B 6 | 9704 | B10 |
| 2455 | B 3 | 3455 | B 4 | 3618 | E 3 | 6594 | B 6 | 9705 | B 9 |
| 2456 | B 3 | 3456 | B 3 | 3619 | E 3 | 6602 | D 3 | 9706 | A 9 |
| 2458 | A 3 | 3457 | A 2 | 3620 | F 3 | 6603 | D 3 | 9709 | D 9 |
| 2459 | C 3 | 3458 | A 2 | 3621 | F 3 | 6604 | D 3 | 9714 | B 9 |
| 2460 | C 3 | 3459 | C 2 | 3622 | F 3 | 6605 | D 3 | | |
| 2461 | C 3 | 3460 | C 3 | 3623 | F 3 | 6611 | E 1 | | |
| 2462 | C 3 | 3462 | C 3 | 3624 | D 3 | 6612 | E 1 | | |
| 2464 | A 3 | 3463 | B 1 | 3625 | E 3 | 6613 | E 2 | | |
| 2465 | C 9 | 3464 | C 3 | 3626 | E 3 | 6614 | E 2 | | |
| 2466 | A 2 | 3465 | C 2 | 3631 | D 5 | 6617 | F 2 | | |
| 2467 | A 2 | 3466 | A 2 | 3633 | E 5 | 6618 | E 3 | | |
| 2468 | A 1 | 3468 | A 1 | 3634 | E 6 | 6621 | E 3 | | |
| 2469 | A 1 | 3469 | A 1 | 3635 | E 6 | 6622 | F 3 | | |
| 2470 | B 1 | 3470 | B 1 | 3636 | E 5 | 6625 | E 3 | | |
| 2471 | C 2 | 3471 | C 2 | 3647 | E 4 | 6626 | E 3 | | |
| 2473 | C 2 | 3472 | C 1 | 3648 | E 4 | 6630 | D 4 | | |
| 2475 | C 2 | 3473 | C 1 | 3649 | F 4 | 6637 | F 5 | | |
| 2476 | C 3 | 3474 | B 4 | 3650 | F 4 | 6638 | E 4 | | |
| 2500 | E 7 | 3475 | C 4 | 3651 | F 4 | 6640 | D 4 | | |
| 2505 | D 7 | 3476 | B 3 | 3652 | F 4 | 6641 | D 4 | | |
| 2506 | E 7 | 3477 | C 3 | 3653 | E 5 | 6645 | E 4 | | |
| 2509 | E 8 | 3478 | C 1 | 3654 | F 4 | 6646 | E 4 | | |
| 2520 | C 8 | 3500 | C 2 | 3655 | F 5 | 6648 | F 4 | | |
| 2521 | C 8 | 3501 | E 6 | 3656 | F 5 | 6649 | F 4 | | |
| 2526 | C 8 | 3502 | D 6 | 3658 | E 3 | 6653 | E 5 | | |
| 2527 | C 8 | 3503 | E 7 | 3659 | D 5 | 6657 | F 6 | | |
| 2531 | C 8 | 3505 | E 7 | 3660 | F 5 | 6660 | B 5 | | |
| 2532 | C 8 | 3506 | E 8 | 3661 | E 5 | 6661 | B 5 | | |
| 2533 | C 7 | 3507 | E 8 | 3662 | E 5 | 6662 | E 5 | | |
| 2542 | C 5 | 3508 | E 7 | 3663 | E 5 | 6665 | E 6 | | |
| 2544 | C 5 | 3509 | E 8 | 3664 | E 5 | 6669 | E 4 | | |
| 2545 | C 6 | 3510 | F 7 | 3665 | E 5 | 6670 | E 4 | | |
| 2546 | B 6 | 3511 | F 8 | 3666 | E 5 | 6815 | A 5 | | |
| 2547 | C 6 | 3512 | E 8 | 3667 | E 4 | 7039 | C 9 | | |
| 2549 | C 7 | 3514 | D 7 | 3668 | E 4 | 7455 | B 3 | | |
| 2550 | B 8 | 3515 | F 8 | 3669 | E 4 | 7470 | B 3 | | |
| 2551 | B 8 | 3518 | C 8 | 3670 | D 4 | 7500 | E 7 | | |
| 2560 | B 8 | 3519 | C 8 | 3671 | D 4 | 7502 | D 7 | | |
| 2570 | A 5 | 3520 | C 8 | 3672 | E 5 | 7530 | C 7 | | |
| 2574 | C 6 | 3521 | C 8 | 3673 | E 4 | 7533 | C 7 | | |
| 2575 | C 5 | 3522 | C 8 | 3674 | F 2 | 7540 | C 5 | | |
| 2580 | C 5 | 3523 | E 8 | 3675 | D 6 | 7545 | B 6 | | |
| 2585 | A 5 | 3524 | C 8 | 3676 | D 4 | 7591 | B 8 | | |
| 2588 | B 5 | 3525 | C 7 | 3790 | C10 | 7593 | B 5 | | |
| 2590 | B 8 | 3526 | C 8 | 4G16 | B 7 | 7594 | B 5 | | |
| 2593 | B 6 | 3527 | C 8 | 5G15 | B 5 | 7614 | E 2 | | |
| 2594 | B 6 | 3528 | C 7 | 5290 | D 4 | 7614 | F 5 | | |
| 2600 | D 2 | 3529 | F 8 | 5291 | D 4 | 7615 | E 2 | | |
| 2601 | E 1 | 3530 | C 8 | 5384 | D10 | 7616 | E 2 | | |
| 2602 | D 3 | 3531 | C 7 | 5452 | B 4 | 7625 | E 3 | | |
| 2604 | D 3 | 3532 | C 8 | 5534 | C 7 | 7637 | E 5 | | |
| 2605 | D 3 | 3533 | C 7 | 5541 | C 5 | 7651 | E 4 | | |
| 2606 | D 3 | 3540 | C 5 | 5542 | B 5 | 7652 | E 4 | | |
| 2607 | D 3 | 3542 | C 5 | 5545 | A 6 | 7654 | F 4 | | |
| 2611 | E 1 | 3544 | B 5 | 5545 | B10 | 7655 | F 5 | | |
| 2614 | E 2 | 3545 | C 6 | 5549 | B 8 | 7656 | F 5 | | |
| 2617 | F 2 | 3550 | B 8 | 5554 | B 7 | 7661 | E 5 | | |
| 2620 | E 3 | 3551 | B 7 | 5554 | B10 | 7663 | E 5 | | |
| 2625 | E 3 | 3552 | B 7 | 5578 | C 6 | 7671 | E 5 | | |
| 2630 | D 4 | 3554 | B 7 | 5582 | C 5 | 9001 | C 9 | | |
| 2631 | D 5 | 3555 | F 8 | 5588 | B 5 | 9009 | C10 | | |
| 2632 | D 4 | 3560 | B 7 | 5593 | B 5 | 9013 | B 1 | | |
| 2635 | F 5 | 3570 | A 8 | 5600 | B10 | 9207 | D 5 | | |
| 2636 | F 5 | 3575 | C 6 | 5600 | D 2 | 9209 | D 5 | | |
| 2637 | F 5 | 3577 | C 6 | 5605 | D 2 | 9308 | E 9 | | |
| 2640 | D 4 | 3578 | C 6 | 5606 | E 2 | 9310 | C 4 | | |
| 2641 | D 4 | 3580 | D 6 | 5619 | E 3 | 9311 | D10 | | |
| 2645 | F 4 | 3581 | C 6 | 5621 | E 3 | 9316 | E 9 | | |
| 2650 | F 4 | 3582 | C 6 | 5625 | F 3 | 9318 | C 3 | | |
| 2651 | F 4 | 3583 | C10 | 5631 | D 5 | 9402 | B 8 | | |
| 2654 | E 4 | 3585 | A 6 | 5632 | D 5 | 9402 | J28 | | |
| 2655 | F 5 | 3588 | B 5 | 5690 | E 1 | 9403 | C 3 | | |
| 2656 | F 5 | 3589 | B 5 | 5615 | B 5 | 9405 | B 4 | | |
| 2658 | D 5 | 3590 | B 8 | 6455 | B 4 | 9501 | C 7 | | |

SCHEMA C

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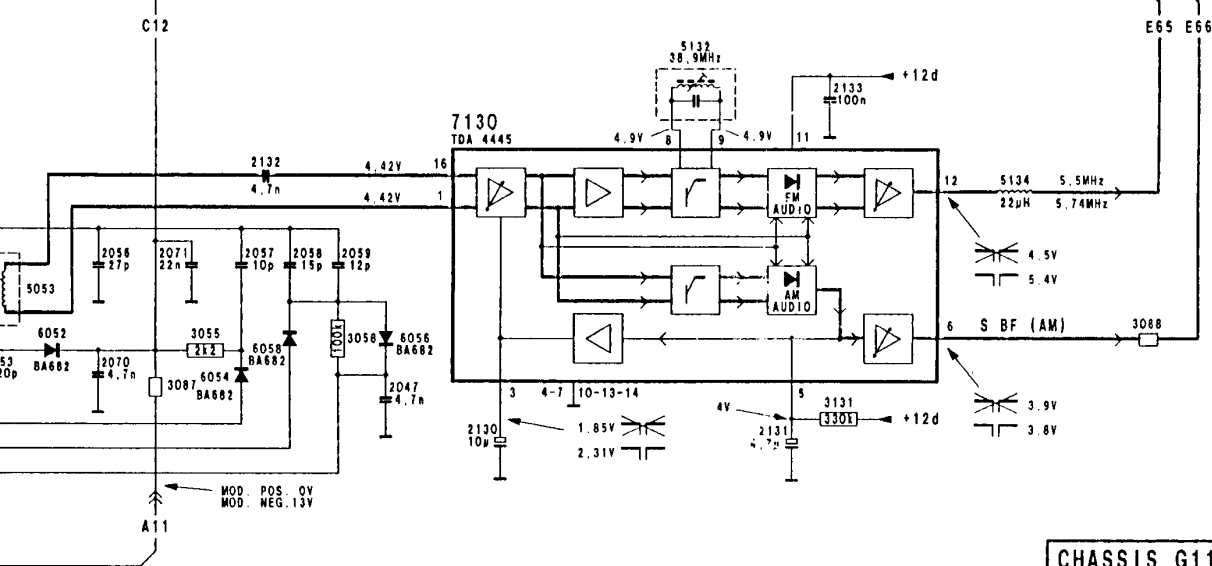
3

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E



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A

1000 B 2 3055 E 4
1015 B 3 3058 E 5
1030 C 5 3060 C 6
1031 C 5 3080 A 5
2001 A 2 3081 C 1

2002 C 2 3084 B 2
2003 C 2 3085 B 3
2004 C 2 3086 D 2
2005 C 2 3087 E 4
2007 B 6 3088 E 7

2008 C 4 3096 B 6
2009 B 3 3131 E 6
2013 C 4 3737 B 7
2014 B 4 5020 B 3
2016 B 3 5031 C 5

2018 C 3 5034 C 5
2019 B 3 5035 A 5
2020 B 3 5036 A 6
2021 B 3 5040 B 6
2022 B 4 5052 E 3

2023 B 4 5053 D 4
2024 B 3 5068 E 2
2030 C 4 5132 D 6
2033 A 4 5134 D 7
2034 C 4 6004 C 1.

2035 A 5 6018 C 3
2036 A 6 6027 C 4
2037 A 6 6037 A 6
2040 B 6 6051 E 3
2042 B 5 6052 E 4

2043 A 4 6053 E 3
2044 B 7 6055 E 2
2046 E 3 6056 E 5
2047 E 5 6058 E 5
2048 D 3 7020 B 5

2049 D 3 7027 C 4
2050 D 2 7030 C 3
2051 D 2 7044 C 6
2053 E 4 7130 D 5
2054 E 3 9002 B 2

2055 E 3 9003 B 6
2056 D 4 9007 B 7
2057 D 4 9014 B 6
2058 D 5 9016 B 7
2059 D 5 9017 B 6

2068 D 2 9018 C 4
2069 E 2 9019 C 5
2070 E 4 9022 C 2
2071 D 4 9024 C 1
2072 B 6 9121 E 3

2130 E 5 9128 C 4
2131 E 6
2132 D 5
2133 D 6
3001 A 2

3002 C 2
3003 C 1
3004 C 1
3005 C 2
3006 B 3

3007 B 3
3009 B 3
3010 B 3
3011 B 3
3012 C 4

3013 C 4
3014 C 5
3015 B 3
3016 C 3
3017 C 3

3022 C 4
3023 B 4
3024 C 4
3025 C 5
3026 C 5

3027 C 5
3028 C 5
3029 C 4
3030 C 4
3031 C 5

3035 C 5
3036 E 3
3037 E 3
3038 A 7
3039 A 7

3040 B 5
3041 B 5
3043 C 7
3044 C 7
3045 B 7

3047 C 6
3048 E 3
3049 C 6
3053 E 3
3054 E 3

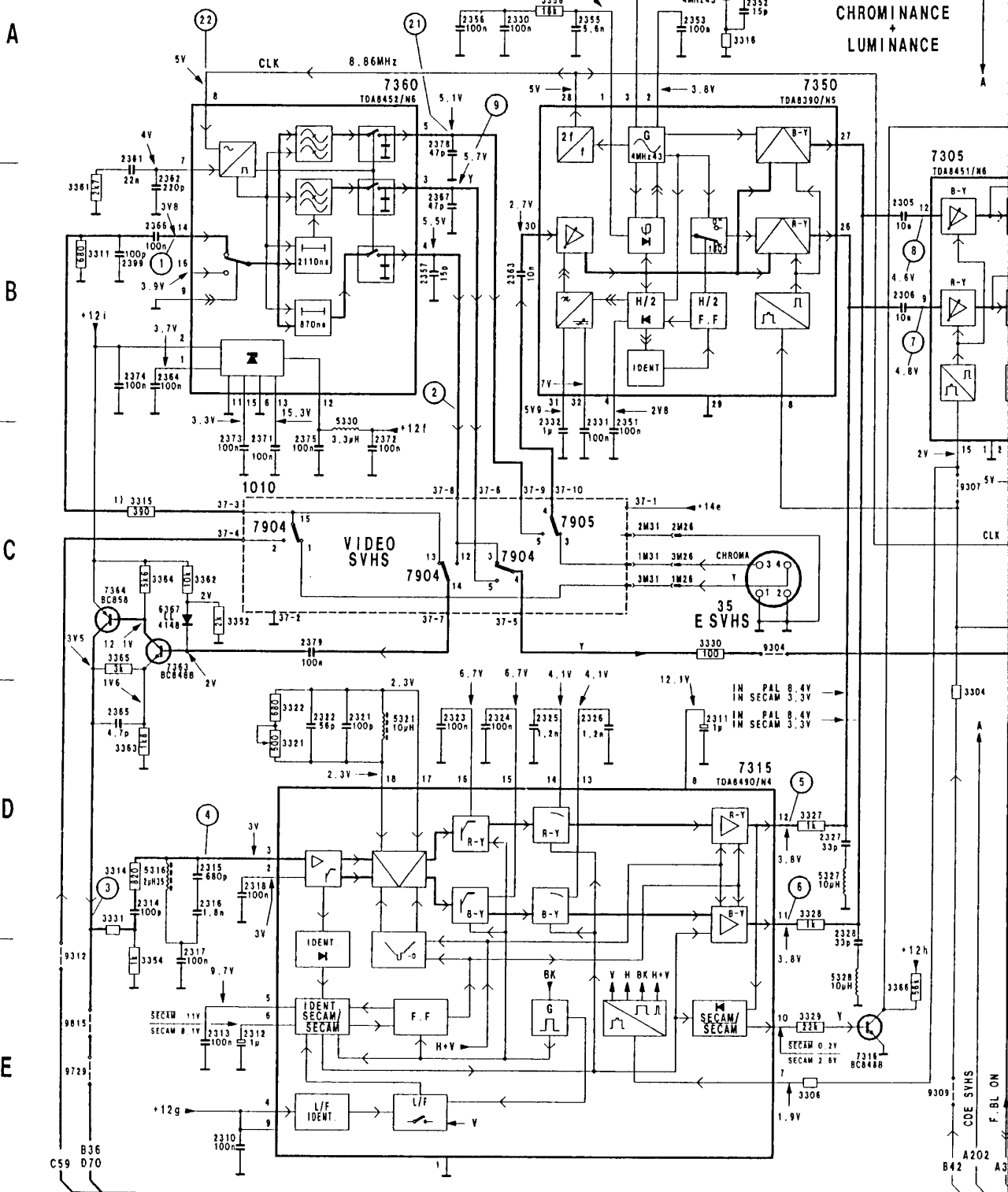
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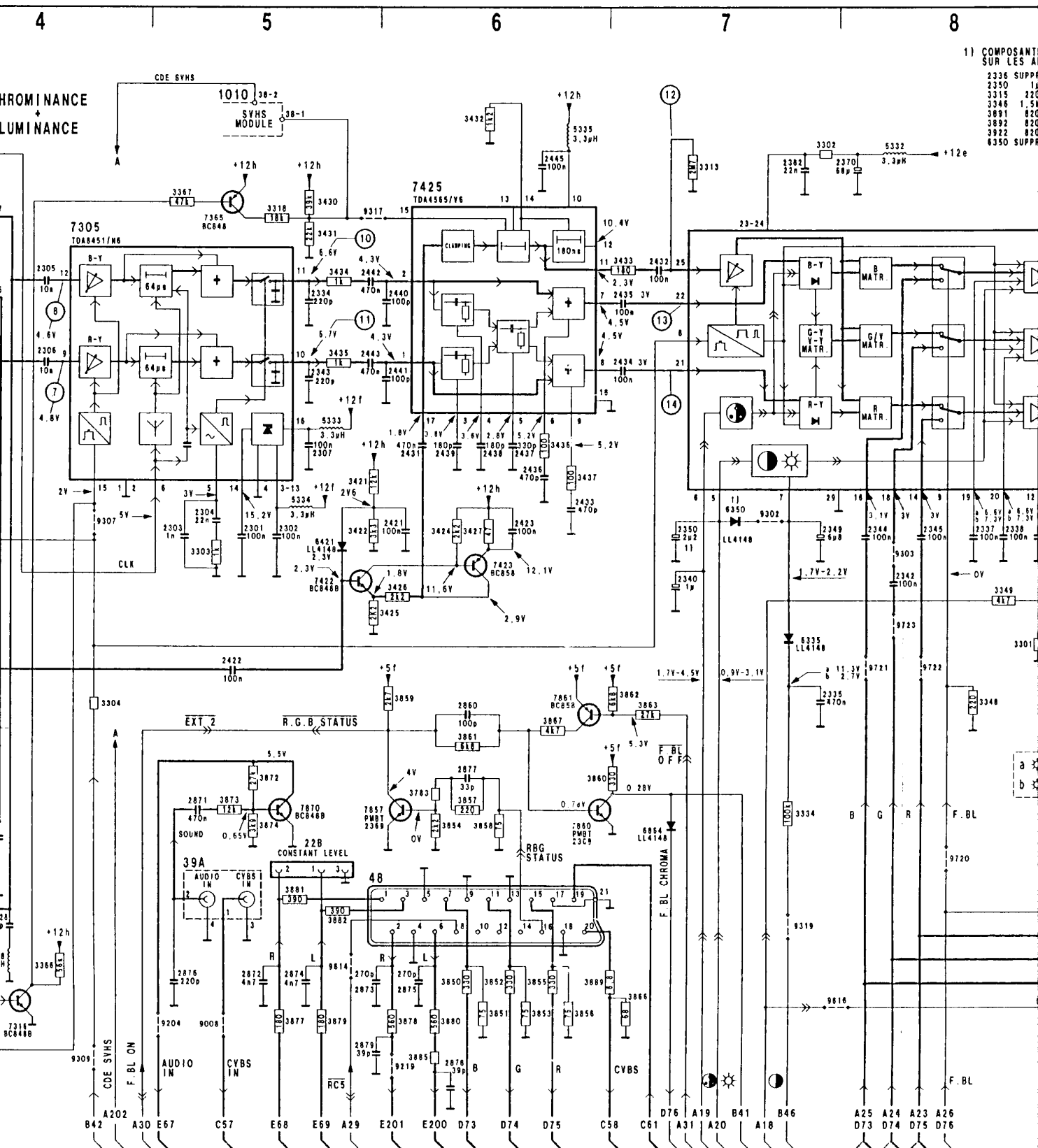
C

D

E

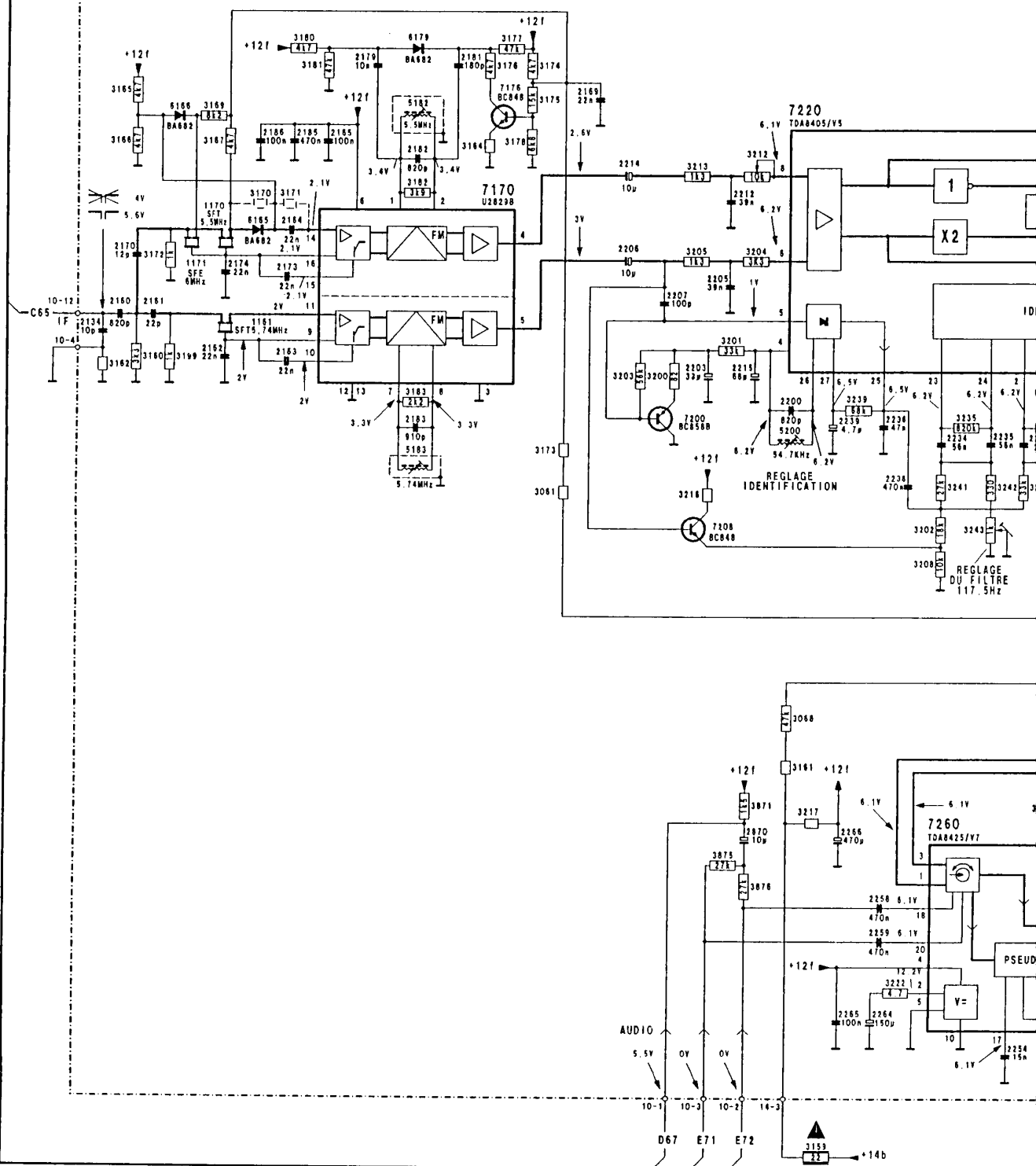
A





SCHEMA E

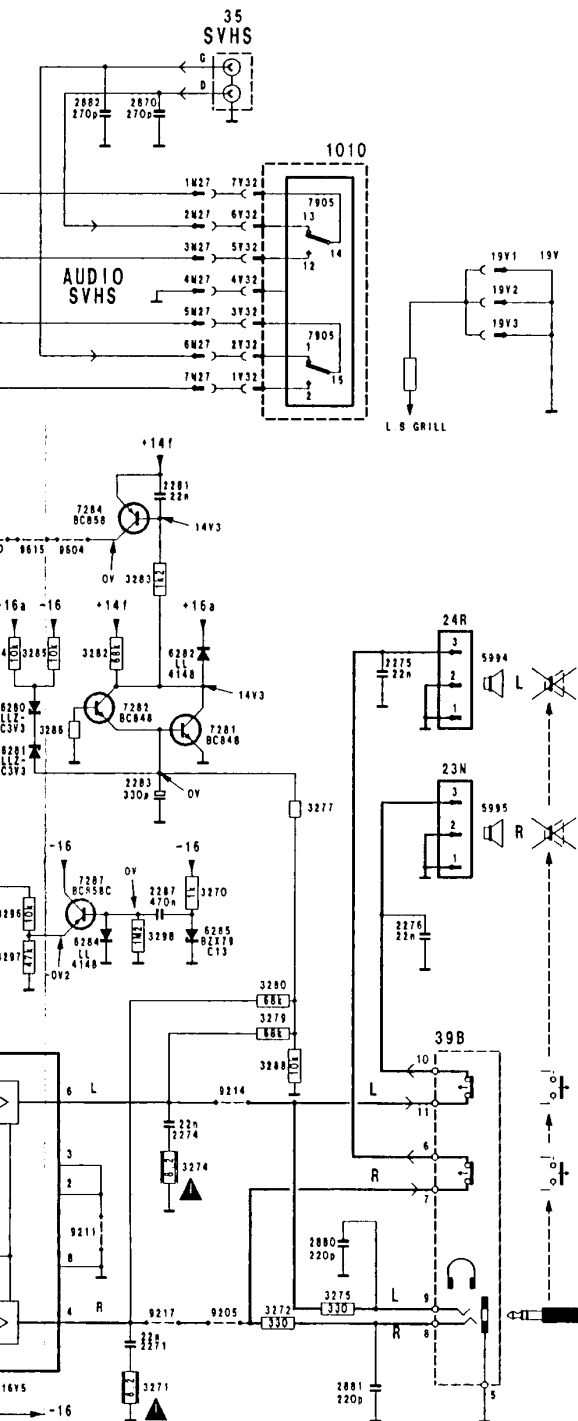
1995 MODULE SON STEREO



9

10

A.B.C.D



CHASSIS G110S

9

10

A

B

C

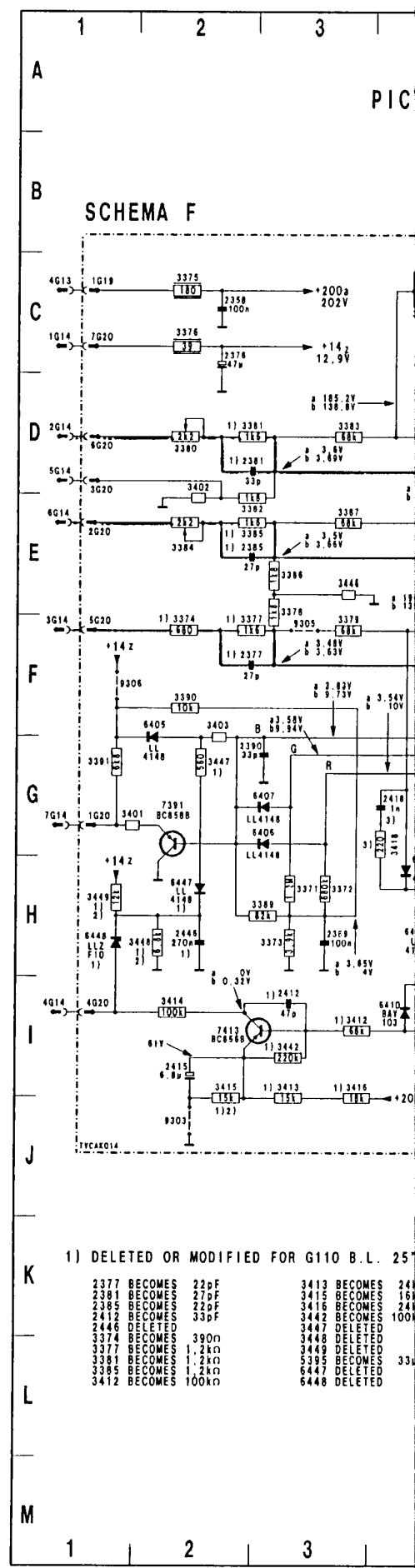
D

E

F

| | | | | | |
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| 24R | C10 | 2275 | C10 | 3284 | C 8 |
| 39B | D10 | 2276 | D10 | 3285 | C 9 |
| 1N27 | B 9 | 2279 | F 8 | 3286 | D 9 |
| 1V32 | B 9 | 2280 | F 8 | 3288 | E 9 |
| 10-1 | F 3 | 2281 | C 9 | 3292 | E 8 |
| 10-2 | F 4 | 2283 | D 9 | 3293 | D 8 |
| 10-3 | F 4 | 2286 | D 8 | 3294 | D 8 |
| 10-4 | C 1 | 2287 | D 9 | 3295 | D 8 |
| 10-5 | E 7 | 2290 | F 8 | 3296 | D 8 |
| 10-6 | E 7 | 2291 | F 8 | 3297 | D 8 |
| 10-7 | B 7 | 2293 | D 8 | 3298 | D 9 |
| 10-8 | B 7 | 2870 | E 4 | 3299 | F 8 |
| 10-9 | D 7 | 2870 | A 9 | 3871 | E 4 |
| 1010 | B10 | 2880 | E10 | 3875 | E 4 |
| 1161 | C 2 | 2881 | F10 | 3876 | E 4 |
| 1170 | B 2 | 2882 | A 9 | 4N27 | B 9 |
| 1171 | B 2 | 3N27 | B 9 | 4V32 | B 9 |
| 14-1 | C 7 | 3V32 | B 9 | 5N27 | B 9 |
| 14-2 | C 7 | 3061 | C 3 | 5V32 | B 9 |
| 14-3 | F 4 | 3068 | D 4 | 5182 | B 2 |
| 14-4 | C 7 | 3069 | D 6 | 5183 | C 2 |
| 19V1 | B10 | 3159 | F 4 | 5200 | C 4 |
| 19V2 | B10 | 3160 | C 1 | 5994 | C10 |
| 19V3 | B10 | 3161 | D 4 | 5995 | D10 |
| 1995 | A 1 | 3162 | C 1 | 6N27 | B 9 |
| 2N27 | B 9 | 3164 | B 3 | 6V32 | B 9 |
| 2V32 | B 9 | 3165 | B 1 | 6165 | B 2 |
| 2134 | C 1 | 3166 | B 1 | 6166 | B 1 |
| 2160 | C 1 | 3167 | B 2 | 6179 | A 2 |
| 2161 | C 1 | 3169 | B 2 | 6180 | E 7 |
| 2162 | C 2 | 3170 | B 2 | 6190 | C 6 |
| 2163 | C 2 | 3171 | B 2 | 6280 | C 8 |
| 2164 | B 2 | 3172 | B 1 | 6281 | D 9 |
| 2165 | B 2 | 3173 | C 3 | 6282 | C 9 |
| 2169 | B 3 | 3174 | B 3 | 6283 | D 8 |
| 2170 | B 1 | 3175 | B 3 | 6284 | D 9 |
| 2173 | B 2 | 3176 | B 3 | 6285 | D 9 |
| 2174 | B 2 | 3177 | A 3 | 7N27 | B 9 |
| 2179 | B 2 | 3178 | B 3 | 7V32 | B 9 |
| 2181 | B 3 | 3180 | A 2 | 7170 | B 3 |
| 2182 | B 2 | 3181 | B 2 | 7176 | B 3 |
| 2183 | C 2 | 3182 | B 2 | 7200 | C 4 |
| 2185 | B 2 | 3183 | C 2 | 7208 | C 4 |
| 2186 | B 2 | 3190 | C 6 | 7220 | B 4 |
| 2190 | C 6 | 3199 | C 1 | 7260 | E 5 |
| 2191 | C 6 | 3200 | C 3 | 7261 | E 7 |
| 2192 | C 6 | 3201 | C 4 | 7262 | E 7 |
| 2200 | C 4 | 3202 | C 5 | 7270 | D 8 |
| 2201 | C 5 | 3203 | C 3 | 7281 | D 9 |
| 2202 | C 5 | 3204 | B 4 | 7282 | C 9 |
| 2203 | C 4 | 3205 | B 4 | 7284 | C 9 |
| 2204 | C 6 | 3206 | E 6 | 7285 | D 8 |
| 2205 | B 4 | 3207 | D 8 | 7286 | D 8 |
| 2206 | B 3 | 3208 | D 5 | 7287 | D 9 |
| 2207 | C 4 | 3209 | E 6 | 7905 | B10 |
| 2208 | C 5 | 3210 | D 8 | 7905 | B10 |
| 2209 | C 6 | 3212 | B 4 | 9021 | C 7 |
| 2211 | B 7 | 3213 | B 4 | 9205 | E 9 |
| 2212 | B 4 | 3215 | C 5 | 9210 | E 8 |
| 2213 | C 7 | 3216 | C 4 | 9211 | E 9 |
| 2214 | B 3 | 3217 | E 4 | 9214 | E 9 |
| 2215 | C 4 | 3219 | A 5 | 9217 | E 9 |
| 2219 | B 5 | 3220 | B 7 | 9604 | C 9 |
| 2221 | B 7 | 3221 | B 7 | 9610 | C 8 |
| 2222 | B 7 | 3222 | E 4 | 9615 | C 9 |
| 2229 | C 7 | 3223 | E 5 | 10-10 | D 7 |
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| 2238 | C 4 | 3230 | C 6 | | |
| 2239 | C 4 | 3231 | E 7 | | |
| 2246 | C 5 | 3232 | E 6 | | |
| 2247 | C 5 | 3233 | E 7 | | |
| 2250 | B 6 | 3234 | E 7 | | |
| 2252 | F 6 | 3235 | C 5 | | |
| 2253 | E 6 | 3239 | C 4 | | |
| 2254 | F 5 | 3240 | C 5 | | |
| 2255 | F 5 | 3241 | C 5 | | |
| 2258 | E 4 | 3242 | C 5 | | |
| 2259 | E 4 | 3243 | C 5 | | |
| 2260 | E 6 | 3244 | C 5 | | |
| 2261 | E 6 | 3245 | C 5 | | |
| 2262 | E 6 | 3246 | C 5 | | |
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| 2264 | E 4 | 3271 | F 9 | | |
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| 2266 | E 4 | 3274 | E 9 | | |
| 2269 | E 6 | 3275 | E10 | | |
| 2270 | E 8 | 3277 | D10 | | |
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| 2272 | E 8 | 3280 | D 9 | | |

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| 316 | E 9 | 2382 | A 7 | 3844 | D 9 | 9317 | A 5 |
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| 416 | D 10 | 2422 | C 5 | 3852 | E 6 | 9720 | D 8 |
| 417 | E 10 | 2423 | C 6 | 3853 | E 6 | 9721 | C 8 |
| 516 | E 9 | 2431 | B 6 | 3854 | D 8 | 9722 | C 8 |
| 517 | E 9 | 2432 | B 7 | 3855 | E 6 | 9723 | C 8 |
| 616 | E 9 | 2433 | C 6 | 3856 | E 6 | 9729 | E 1 |
| 617 | E 9 | 2434 | B 7 | 3857 | D 6 | 9815 | E 1 |
| 717 | E 9 | 2435 | B 7 | 3858 | D 6 | 9818 | E 7 |
| 817 | E 9 | 2436 | C 6 | 3859 | D 6 | 9820 | E 9 |
| 1G13 | D 11 | 2437 | B 6 | 3860 | D 6 | 37-10 | C 3 |
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| 1G17 | E 9 | 2439 | B 6 | 3862 | C 7 | | |
| 1G18 | E 10 | 2440 | B 6 | 3863 | D 7 | | |
| 1G19 | A 9 | 2441 | B 6 | 3866 | E 7 | | |
| 1G20 | C 9 | 2442 | B 5 | 3867 | D 6 | | |
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| 1M31 | C 3 | 2445 | A 6 | 3873 | D 5 | | |
| 1001 | D 9 | 2860 | D 6 | 3874 | D 5 | | |
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| 2G14 | B 9 | 2877 | D 6 | 3885 | E 6 | | |
| 2G17 | E 9 | 2878 | E 6 | 3889 | E 6 | | |
| 2G18 | E 10 | 2879 | E 5 | 3891 | D 9 | | |
| 2G19 | D 10 | 3G13 | D 10 | 3892 | E 9 | | |
| 2G20 | B 9 | 3G14 | B 9 | 3922 | E 9 | | |
| 2M26 | C 3 | 3G17 | E 9 | 4G13 | A 9 | | |
| 2M31 | C 3 | 3G18 | D 9 | 4G14 | C 9 | | |
| 2301 | C 5 | 3G19 | D 11 | 4G17 | D 10 | | |
| 2302 | C 5 | 3G20 | D 9 | 4G18 | E 10 | | |
| 2303 | C 5 | 3M26 | C 3 | 4G19 | D 11 | | |
| 2304 | C 5 | 3M31 | C 3 | 4G20 | C 9 | | |
| 2305 | B 4 | 3301 | C 8 | 6G14 | D 9 | | |
| 2306 | B 4 | 3302 | A 7 | 5G17 | E 9 | | |
| 2307 | B 5 | 3303 | C 5 | 5G18 | E 9 | | |
| 2310 | E 1 | 3304 | D 4 | 5G20 | B 9 | | |
| 2311 | D 3 | 3306 | E 4 | 5316 | D 1 | | |
| 2312 | E 2 | 3311 | B 1 | 5321 | D 2 | | |
| 2313 | E 1 | 3313 | A 7 | 5327 | D 4 | | |
| 2314 | D 1 | 3314 | D 1 | 5328 | E 4 | | |
| 2315 | D 1 | 3316 | C 1 | 5330 | B 2 | | |
| 2316 | D 1 | 3316 | A 3 | 5332 | A 8 | | |
| 2317 | E 1 | 3318 | A 6 | 5333 | B 5 | | |
| 2318 | D 2 | 3321 | D 2 | 5334 | C 5 | | |
| 2321 | D 2 | 3322 | D 2 | 5335 | A 6 | | |
| 2322 | D 2 | 3327 | D 4 | 5336 | B 9 | | |
| 2323 | D 2 | 3328 | D 4 | 5337 | B 9 | | |
| 2324 | D 2 | 3329 | E 4 | 6G14 | B 9 | | |
| 2325 | D 3 | 3330 | C 3 | 6G17 | E 9 | | |
| 2326 | D 3 | 3331 | D 1 | 6G18 | E 9 | | |
| 2327 | D 4 | 3334 | D 7 | 6G20 | B 9 | | |
| 2328 | D 4 | 3346 | C 9 | 6335 | C 7 | | |
| 2330 | A 3 | 3347 | C 9 | 6350 | C 7 | | |
| 2331 | B 3 | 3348 | D 8 | 6367 | C 1 | | |
| 2332 | B 3 | 3349 | C 8 | 6421 | C 5 | | |
| 2334 | B 5 | 3350 | C 9 | 6864 | D 7 | | |
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| 2336 | C 9 | 3354 | E 1 | 7G18 | E 9 | | |
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| 2338 | C 8 | 3361 | B 1 | 7305 | A 4 | | |
| 2339 | C 8 | 3362 | C 1 | 7316 | D 4 | | |
| 2340 | C 7 | 3363 | D 1 | 7316 | E 4 | | |
| 2342 | C 8 | 3364 | C 1 | 7350 | A 4 | | |
| 2343 | B 5 | 3365 | C 1 | 7350 | A 9 | | |
| 2344 | C 8 | 3366 | E 4 | 7351 | C 8 | | |
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| 2346 | C 9 | 3421 | C 5 | 7363 | C 1 | | |
| 2349 | C 7 | 3422 | C 5 | 7364 | C 1 | | |
| 2350 | C 7 | 3424 | C 6 | 7365 | A 5 | | |
| 2351 | B 3 | 3425 | C 6 | 7422 | C 5 | | |
| 2352 | A 3 | 3426 | C 6 | 7423 | C 6 | | |
| 2353 | A 3 | 3427 | C 6 | 7425 | A 6 | | |
| 2355 | A 3 | 3430 | A 5 | 7857 | D 5 | | |
| 2356 | A 2 | 3431 | A 5 | 7860 | D 6 | | |
| 2357 | B 2 | 3432 | A 6 | 7861 | D 6 | | |
| 2361 | A 1 | 3433 | B 7 | 7870 | D 5 | | |
| 2362 | B 1 | 3434 | B 5 | 7904 | C 2 | | |
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| 2364 | B 1 | 3436 | B 6 | 7904 | C 3 | | |
| 2365 | D 1 | 3437 | C 6 | 7905 | C 3 | | |
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| 2367 | B 2 | 37-2 | C 2 | 9008 | E 5 | | |
| 2370 | A 8 | 37-3 | C 1 | 9204 | E 6 | | |



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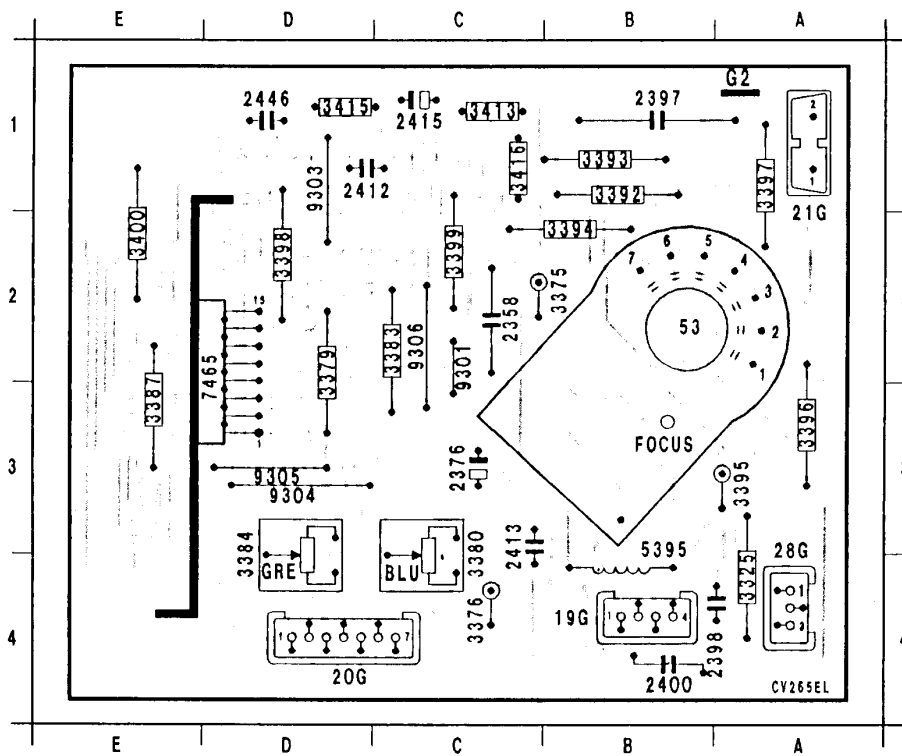
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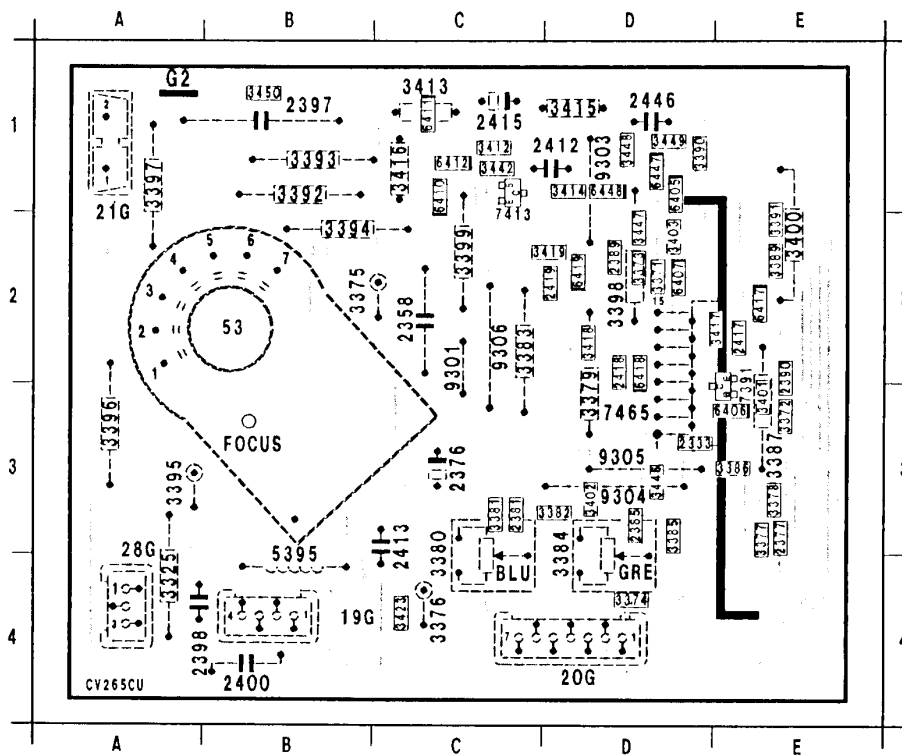
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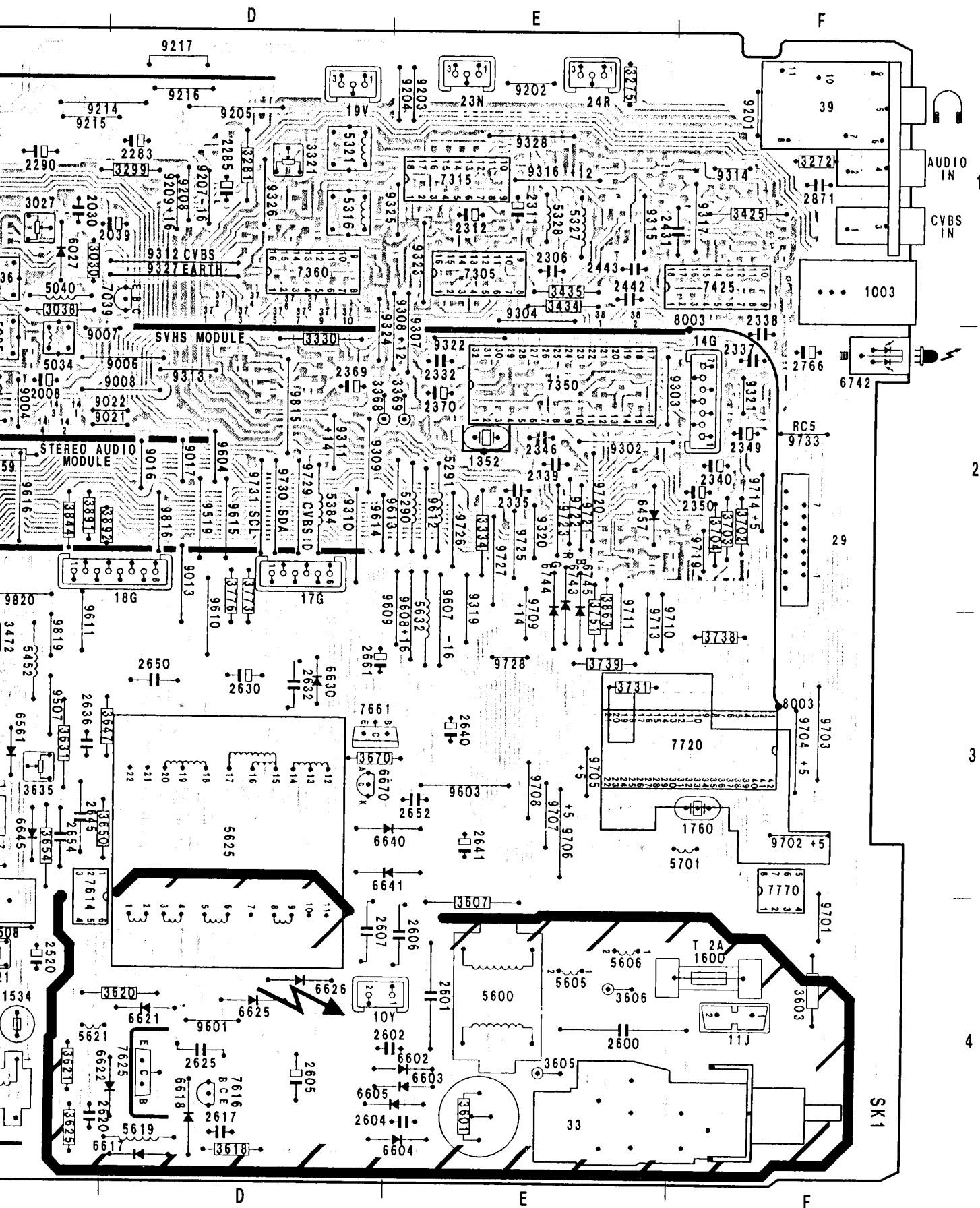
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3417-3418-3419 DELETED

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| 1G20 | 1G | 6447 | 2H |
| 1G28 | 7C | 6448 | 1H |
| 1990 | 9E | 7G14 | 1G |
| 2G13 | 7J | 7G20 | 1C |
| 2G14 | 1D | 7391 | 2G |
| 2G19 | 7J | 7413 | 2I |
| 2G20 | 1E | 7465 | 4C |
| 2G28 | 7C | 9301 | 7H |
| 2333 | 6D | 9303 | 2J |
| 2358 | 2C | 9304 | 6C |
| 2376 | 2C | 9305 | 3F |
| 2377 | 2F | 9306 | 1F |
| 2381 | 2D | | |
| 2385 | 2E | | |
| 2389 | 3H | | |
| 2390 | 2G | | |
| 2397 | 7H | | |
| 2398 | 7I | | |
| 2400 | 7I | | |
| 2412 | 3I | | |
| 2413 | 7G | | |
| 2415 | 2I | | |
| 2417 | 4H | | |
| 2418 | 4G | | |
| 2419 | 4C | | |
| 2446 | 2H | | |
| 3G13 | 7J | | |
| 3G14 | 1F | | |
| 3G19 | 7J | | |
| 3G20 | 1D | | |
| 3G28 | 7C | | |
| 3325 | 6H | | |
| 3371 | 3H | | |
| 3372 | 3H | | |
| 3373 | 3H | | |
| 3374 | 2F | | |
| 3375 | 2C | | |
| 3376 | 2C | | |
| 3377 | 2F | | |
| 3378 | 3E | | |
| 3379 | 3F | | |
| 3380 | 2D | | |
| 3381 | 2D | | |
| 3382 | 2E | | |
| 3383 | 3D | | |
| 3384 | 2E | | |
| 3385 | 2E | | |
| 3386 | 3E | | |
| 3387 | 3E | | |
| 3389 | 3H | | |
| 3390 | 2F | | |
| 3391 | 1G | | |
| 3392 | 6F | | |
| 3393 | 6E | | |
| 3394 | 6D | | |
| 3395 | 7H | | |
| 3396 | 7G | | |
| 3397 | 8G | | |
| 3398 | 6D | | |
| 3399 | 6F | | |
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| 3403 | 2F | | |
| 3412 | 3I | | |
| 3413 | 3I | | |
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| 3423 | 7H | | |
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| 3448 | 2H | | |
| 3449 | 1H | | |
| 4G13 | 1C | | |
| 4G14 | 1I | | |
| 4G19 | 6J | | |
| 4G20 | 1I | | |
| 5G14 | 1D | | |
| 5G20 | 1F | | |
| 5395 | 7G | | |
| 6G14 | 1E | | |
| 6G20 | 1D | | |
| 6405 | 2F | | |
| 6406 | 3G | | |
| 6407 | 3G | | |
| 6410 | 4I | | |
| 6411 | 4I | | |



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| 20G | D 4 | 2390 | E 2 | 2446 | D 1 | 3379 | D 3 | 3390 | D 2 | 3400 | E 2 | 3417 | D 2 | 5395 | B 3 | 6447 | D 1 | | |
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| 3358 | C 2 | 2412 | D 1 | 3373 | D 2 | 3383 | C 2 | 3392 | B 2 | 3403 | D 3 | 3442 | C 1 | 6410 | C 1 | 7465 | D 3 | | |
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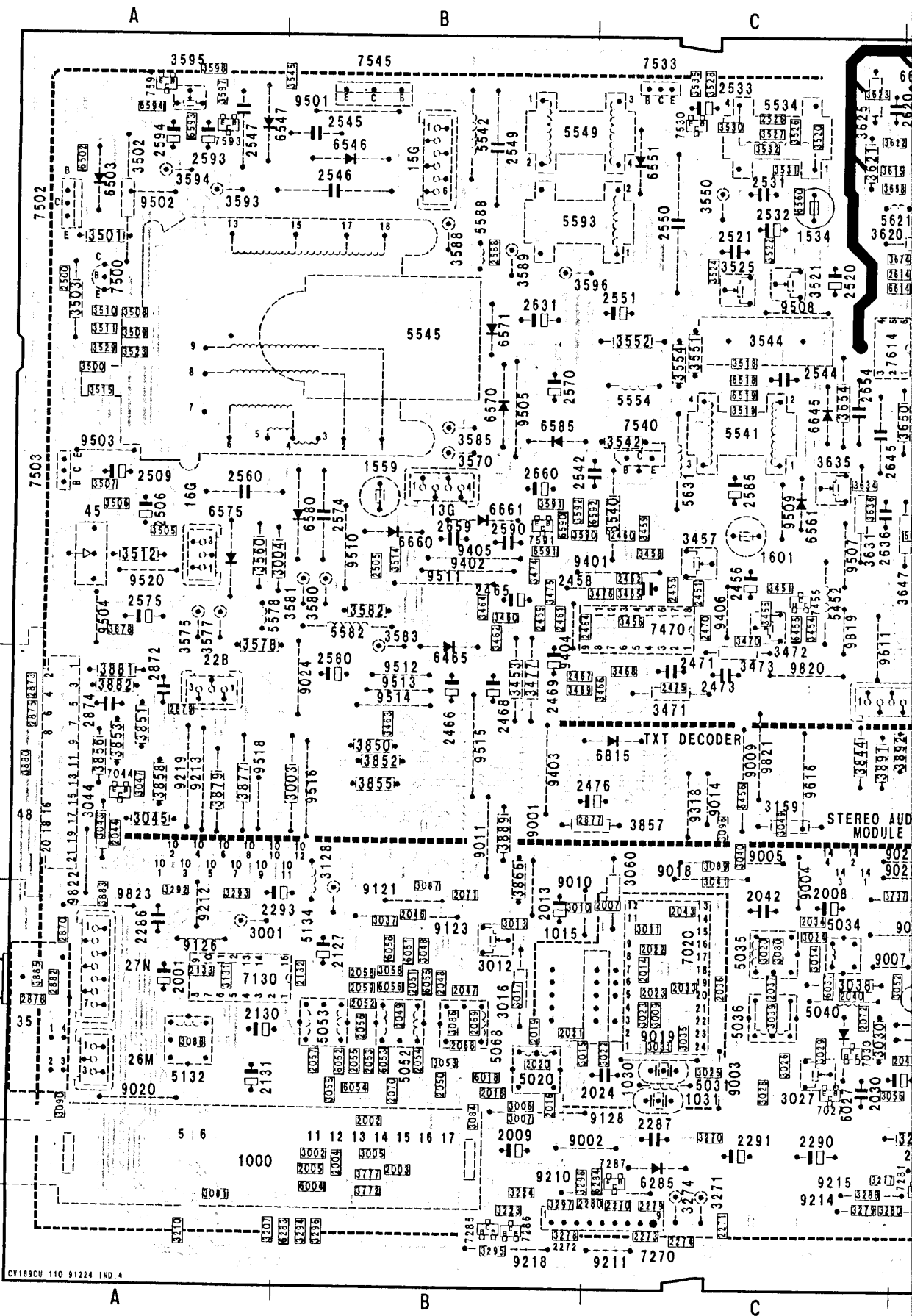
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| 33 | 4E | 2585 | 3C | 3605 | 4E | 6605 | 4D | 9313 | 2D |
| 35 | 1A | 2590 | 3B | 3606 | 4E | 6617 | 4D | 9314 | 1F |
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| 10Y | 4D | 2602 | 4E | 3625 | 4C | 6626 | 4D | 9319 | 3E |
| 11J | 4F | 2604 | 4D | 3631 | 3C | 6630 | 3D | 9320 | 2E |
| 13G | 3B | 2605 | 4D | 3635 | 3C | 6640 | 3E | 9321 | 2F |
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| 17G | 2D | 2620 | 4D | 3670 | 3D | 6661 | 3B | 9325 | 1D |
| 18G | 2D | 2625 | 4D | 3702 | 2F | 6670 | 3D | 9326 | 1D |
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| 23N | 1E | 2632 | 3D | 3731 | 3E | 6744 | 2E | 9401 | 3C |
| 24R | 1E | 2636 | 3C | 3738 | 3F | 6745 | 2E | 9402 | 3B |
| 26M | 1A | 2640 | 3E | 3739 | 3E | 6815 | 2C | 9403 | 2B |
| 27N | 2A | 2641 | 3E | 3751 | 3E | 7020 | 1C | 9404 | 3B |
| 1000 | 1A | 2645 | 3C | 3773 | 2D | 7039 | 1D | 9405 | 3B |
| 1003 | 1F | 2650 | 3D | 3776 | 2D | 7130 | 1A | 9406 | 3C |
| 1015 | 1C | 2652 | 3E | 3844 | 2C | 7270 | 1B | 9501 | 4B |
| 1030 | 1C | 2654 | 3C | 3850 | 2B | 7305 | 1E | 9502 | 4A |
| 1031 | 1C | 2659 | 3B | 3851 | 2A | 7315 | 1E | 9503 | 3A |
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| 1534 | 4C | 2661 | 3D | 3853 | 2A | 7360 | 1D | 9505 | 3B |
| 1559 | 3B | 2766 | 2F | 3855 | 2B | 7425 | 1F | 9507 | 3C |
| 1600 | 4F | 2871 | 1F | 3856 | 2A | 7470 | 3C | 9508 | 4C |
| 1601 | 3C | 2872 | 2A | 3857 | 2C | 7500 | 4A | 9509 | 3C |
| 1760 | 3F | 2874 | 2A | 3858 | 2A | 7502 | 4A | 9510 | 3B |
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| 2009 | 1B | 3004 | 3A | 3877 | 2A | 7540 | 3C | 9513 | 2B |
| 2013 | 2B | 3012 | 2B | 3879 | 2A | 7545 | 4B | 9514 | 2B |
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| 2030 | 1C | 3027 | 1C | 3882 | 2A | 7616 | 4D | 9516 | 2B |
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| 2306 | 1E | 3299 | 1D | 5132 | 1A | 9007 | 2C | 9613 | 2E |
| 2311 | 1E | 3321 | 1D | 5134 | 2B | 9008 | 2D | 9614 | 2D |
| 2312 | 1E | 3330 | 2D | 5290 | 2E | 9009 | 2C | 9615 | 2D |
| 2332 | 2E | 3334 | 2E | 5291 | 2E | 9010 | 2C | 9616 | 2C |
| 2335 | 2E | 3368 | 2D | 6316 | 1D | 9011 | 2B | 9701 | 4F |
| 2337 | 2F | 3369 | 2E | 5321 | 1D | 9013 | 2D | 9702 | 3F |
| 2338 | 1F | 3425 | 1F | 5327 | 1E | 9014 | 2C | 9703 | 3F |
| 2339 | 2E | 3434 | 1E | 5328 | 1E | 9016 | 2D | 9704 | 3F |
| 2340 | 2F | 3435 | 1E | 5384 | 2D | 9017 | 2D | 9705 | 3E |
| 2346 | 2E | 3453 | 2B | 5452 | 3C | 9018 | 2C | 9706 | 3E |
| 2349 | 2F | 3457 | 3C | 5534 | 4C | 9019 | 1C | 9707 | 3E |
| 2350 | 2F | 3471 | 2C | 5541 | 3C | 9020 | 1A | 9708 | 3E |
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| 2431 | 1E | 3477 | 2B | 5549 | 4B | 9024 | 2B | 9711 | 3E |
| 2442 | 1E | 3501 | 4A | 5554 | 3C | 9121 | 2B | 9713 | 3E |
| 2443 | 1E | 3502 | 4A | 5578 | 3A | 9123 | 2B | 9714 | 2F |
| 2456 | 3C | 3503 | 4A | 5582 | 3B | 9126 | 2A | 9719 | 2F |
| 2458 | 3B | 3512 | 3A | 5588 | 4B | 9128 | 1B | 9720 | 2E |
| 2465 | 3B | 3521 | 4C | 5593 | 4B | 9201 | 1F | 9721 | 2E |
| 2466 | 2B | 3525 | 4C | 5600 | 4E | 9202 | 1E | 9722 | 2E |
| 2468 | 2B | 3540 | 3C | 5605 | 4E | 9203 | 1E | 9723 | 2E |
| 2469 | 2B | 3542 | 3C | 5606 | 4E | 9204 | 1E | 9725 | 2E |
| 2471 | 2C | 3544 | 4C | 5619 | 4D | 9205 | 1D | 9726 | 2E |
| 2473 | 2C | 3550 | 4C | 5621 | 4C | 9207 | 1D | 9727 | 2E |
| 2476 | 2C | 3551 | 3C | 5625 | 3D | 9208 | 1D | 9728 | 3E |
| 2506 | 3A | 3552 | 4C | 5631 | 3C | 9209 | 1D | 9729 | 2D |
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| 2521 | 4C | 3570 | 3B | 6027 | 1C | 9212 | 2A | 9733 | 2F |
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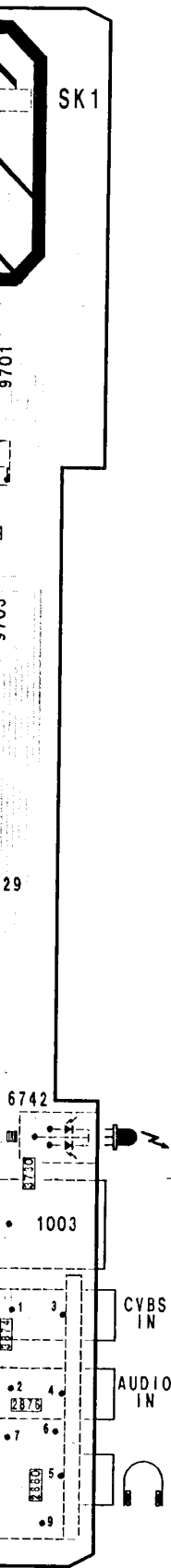
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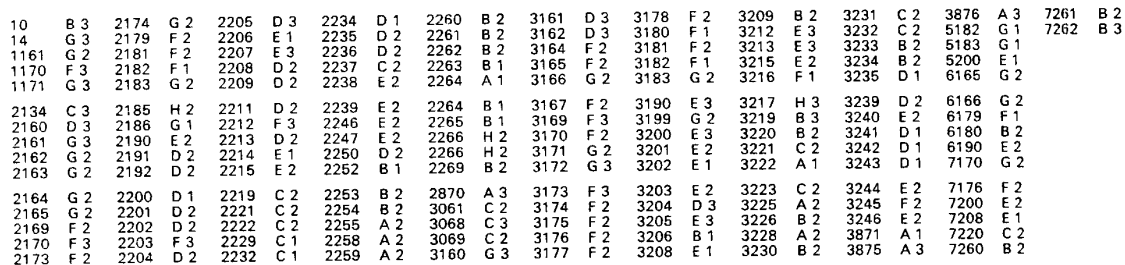
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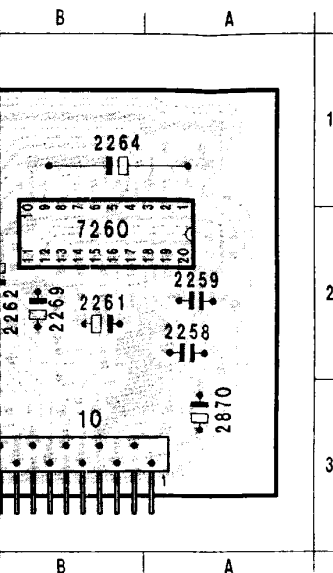


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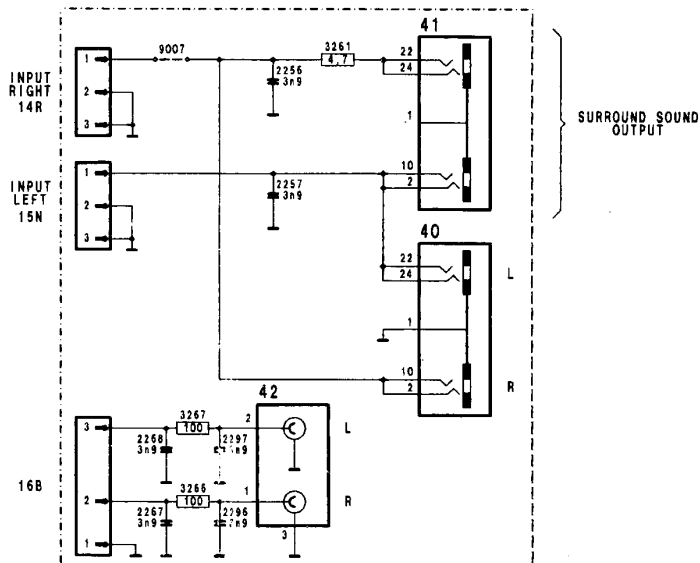
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| 1 | 29 | 3F | 2286 | 3A | 2462 | 2C | 2875 | 3A | 3301 | 3E | 3521 | 1C | 3674 | 1C | 5040 | 4C | 6622 | 1D | 7861 | 3E | 9601 | 1D |
| | 33 | 1E | 2287 | 4C | 2464 | 2B | 2876 | 4F | 3302 | 3E | 3522 | 1C | 3675 | 2D | 5052 | 4B | 6625 | 1D | 7870 | 4F | 9603 | 2E |
| | 35 | 4A | 2290 | 4C | 2465 | 2B | 2877 | 3C | 3303 | 4E | 3523 | 2A | 3676 | 2D | 5053 | 4B | 6626 | 1D | 8003 | 4F | 9604 | 3D |
| | 39 | 4F | 2291 | 4C | 2466 | 3B | 2878 | 4A | 3304 | 3E | 3524 | 1C | 3701 | 3E | 5068 | 4B | 6630 | 2D | 8003 | 2F | 9607 | 2E |
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| 2 | 48 | 3A | 2301 | 4E | 2468 | 3B | 2880 | 4F | 3306 | 4E | 3526 | 1C | 3703 | 3F | 5134 | 3B | 6638 | 2D | 9002 | 4C | 9609 | 3E |
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| | 11J | 1F | 2304 | 4E | 2471 | 3C | 3001 | 3A | 3314 | 4D | 3529 | 2A | 3706 | 3F | 5316 | 4D | 6644 | 2D | 9005 | 3C | 9612 | 3E |
| | 14G | 3F | 2305 | 4E | 2473 | 3C | 3002 | 4B | 3315 | 4D | 3530 | 1C | 3707 | 2F | 5321 | 4D | 6645 | 2C | 9006 | 3D | 9613 | 3E |
| 3 | 16G | 2A | 2306 | 4E | 2475 | 3C | 3003 | 3B | 3316 | 3E | 3531 | 1C | 3709 | 3F | 5327 | 4E | 6646 | 2D | 9007 | 3C | 9614 | 3D |
| | 17G | 3D | 2307 | 4E | 2476 | 3C | 3004 | 2A | 3317 | 3E | 3532 | 1C | 3710 | 3F | 5328 | 4E | 6648 | 2D | 9008 | 3D | 9615 | 3D |
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| 4 | 23N | 4E | 2313 | 4E | 2509 | 2A | 3009 | 4C | 3327 | 4E | 3544 | 1C | 3716 | 2F | 5333 | 4E | 6660 | 2B | 9013 | 2D | 9703 | 2F |
| | 24R | 4E | 2314 | 4D | 2520 | 1C | 3010 | 3B | 3328 | 4E | 3545 | 1B | 3719 | 2F | 5334 | 4E | 6661 | 2B | 9014 | 3C | 9704 | 2F |
| | 26M | 4A | 2315 | 4D | 2521 | 1C | 3011 | 3C | 3329 | 4E | 3550 | 1C | 3721 | 2F | 5335 | 4F | 6662 | 2E | 9016 | 3D | 9705 | 2E |
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| 6 | 1534 | 1C | 2325 | 4E | 2546 | 1B | 3021 | 2F | 3349 | 3E | 3578 | 2A | 3734 | 2E | 5545 | 1B | 6728 | 2F | 9121 | 3B | 9714 | 3F |
| | 1559 | 2B | 2326 | 4E | 2547 | 1A | 3022 | 4C | 3350 | 3E | 3580 | 2B | 3735 | 2E | 5549 | 1B | 6730 | 2F | 9123 | 3B | 9719 | 3F |
| | 1600 | 1F | 2327 | 4E | 2549 | 1B | 3023 | 4C | 3352 | 3D | 3581 | 2B | 3736 | 2E | 5554 | 2C | 6741 | 3F | 9126 | 3A | 9720 | 3E |
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| 7 | 2001 | 4A | 2331 | 3E | 2560 | 2A | 3026 | 4C | 3361 | 4D | 3585 | 2B | 3739 | 2E | 5588 | 1B | 6744 | 2E | 9202 | 4E | 9723 | 3E |
| | 2002 | 4B | 2332 | 3E | 2570 | 2B | 3027 | 4C | 3362 | 3D | 3588 | 1B | 3742 | 3F | 5593 | 1B | 6745 | 3E | 9203 | 4E | 9725 | 3E |
| | 2003 | 4B | 2334 | 4E | 2574 | 2B | 3028 | 4C | 3363 | 3D | 3589 | 1B | 3743 | 2E | 5600 | 1E | 6815 | 3C | 9204 | 4E | 9726 | 3E |
| | 2004 | 4B | 2335 | 3E | 2575 | 2A | 3029 | 4C | 3364 | 3D | 3590 | 2B | 3744 | 2E | 5605 | 1E | 6864 | 3E | 9205 | 4D | 9727 | 3E |
| | 2005 | 4B | 2336 | 3F | 2580 | 2B | 3030 | 4C | 3365 | 3D | 3591 | 2B | 3745 | 2E | 5606 | 1E | 7020 | 3C | 9207 | 4D | 9728 | 2E |
| 8 | 2007 | 3C | 2337 | 3F | 2585 | 2C | 3031 | 4C | 3366 | 4E | 3592 | 2B | 3750 | 2E | 5619 | 1D | 7027 | 4C | 9208 | 4D | 9729 | 3D |
| | 2008 | 3C | 2338 | 3F | 2588 | 1B | 3035 | 4C | 3367 | 4E | 3593 | 1A | 3751 | 2E | 5621 | 1C | 7030 | 4C | 9209 | 4D | 9730 | 3D |
| | 2009 | 4B | 2339 | 3E | 2590 | 2B | 3037 | 3B | 3368 | 3D | 3594 | 1A | 3753 | 2E | 5625 | 2D | 7039 | 4D | 9210 | 4B | 9731 | 3D |
| | 2013 | 3B | 2340 | 3F | 2593 | 1A | 3038 | 4C | 3369 | 3E | 3595 | 1A | 3754 | 2E | 5631 | 2C | 7044 | 3A | 9211 | 4C | 9733 | 3F |
| | 2014 | 3C | 2341 | 3E | 2594 | 1A | 3039 | 4C | 3421 | 4E | 3596 | 1B | 3757 | 2E | 5632 | 2E | 7130 | 4A | 9212 | 3A | 9815 | 3D |
| 9 | 2016 | 4B | 2342 | 3E | 2600 | 1E | 3040 | 3C | 3422 | 4E | 3597 | 1A | 3758 | 3D | 5701 | 2F | 7270 | 4C | 9213 | 3A | 9816 | 3D |
| | 2018 | 4B | 2343 | 4E | 2601 | 1E | 3041 | 3C | 3424 | 4F | 3598 | 1A | 3763 | 2F | 6004 | 4B | 7281 | 4D | 9214 | 4C | 9819 | 2C |
| | 2019 | 4B | 2344 | 3E | 2602 | 1E | 3043 | 3A | 3425 | 4F | 3601 | 1E | 3764 | 2F | 6018 | 4B | 7282 | 4D | 9215 | 4C | 9820 | 3C |
| | 2020 | 4B | 2345 | 3E | 2604 | 1D | 3044 | 3A | 3426 | 4F | 3603 | 1F | 3768 | 2E | 6027 | 4C | 7284 | 4D | 9216 | 4D | 9821 | 3C |
| | 2021 | 4B | 2346 | 3E | 2605 | 1D | 3045 | 3A | 3427 | 4F | 3605 | 1E | 3769 | 2E | 6037 | 4C | 7285 | 4B | 9217 | 4D | 9822 | 3A |
| 10 | 2022 | 3C | 2349 | 3F | 2606 | 1E | 3047 | 3A | 3430 | 4F | 3606 | 1E | 3770 | 2F | 6051 | 3B | 7286 | 4B | 9218 | 4B | 9823 | 3A |
| | 2023 | 4C | 2350 | 3F | 2607 | 1D | 3048 | 3B | 3431 | 4E | 3607 | 1E | 3772 | 4B | 6052 | 4B | 7287 | 4C | 9219 | 3A | | |
| | 2024 | 4C | 2351 | 3E | 2611 | 1D | 3049 | 3C | 3432 | 4F | 3608 | 1D | 3773 | 3D | 6053 | 4B | 7305 | 4E | 9302 | 3E | | |
| | 2030 | 4C | 2352 | 3E | 2614 | 1C | 3052 | 4D | 3433 | 4F | 3609 | 1D | 3776 | 3D | 6054 | 4B | 7315 | 4E | 9303 | 3F | | |
| | 2033 | 4C | 2353 | 3E | 2617 | 1D | 3053 | 4B | 3434 | 4E | 3610 | 1D | 3777 | 4B | 6055 | 4B | 7316 | 4E | 9304 | 4E | | |
| 11 | 2034 | 3C | 2355 | 3E | 2620 | 1D | 3055 | 4B | 3435 | 4E | 3611 | 1D | 3778 | 2F | 6056 | 4B | 7350 | 3E | 9307 | 3E | | |
| | 2036 | 4C | 2356 | 3E | 2625 | 1D | 3056 | 4D | 3436 | 4F | 3613 | 1D | 3780 | 2E | 6058 | 3B | 7351 | 3E | 9308 | 3E | | |
| | 2037 | 4C | 2357 | 4D | 2630 | 2D | 3058 | 4B | 3437 | 4F | 3615 | 1C | 3781 | 2F | 6280 | 4D | 7360 | 4D | 9309 | 3D | | |
| | 2039 | 4D | 2361 | 4D | 2631 | 1B | 3060 | 3C | 3451 | 2C | 3616 | 1D | 3782 | 2F | 6281 | 4D | 7363 | 3D | 9310 | 3D | | |
| | 2040 | 4C | 2362 | 4D | 2632 | 2D | 3080 | 3C | 3453 | 3B | 3617 | 1D | 3783 | 3E | 6282 | 4D | 7364 | 3D | 9311 | 3D | | |
| 12 | 2041 | 4D | 2363 | 3D | 2635 | 2D | 3081 | 4A | 3454 | 2C | 3618 | 1D | 3784 | 2F | 6283 | 4B | 7365 | 4E | 9312 | 4D | | |
| | 2042 | 3C | 2364 | 4D | 2636 | 2C | 3084 | 4B | 3455 | 2C | 3619 | 1D | 3789 | 2E | 6284 | 4C | 7422 | 4F | 9313 | 3D | | |
| | 2043 | 3C | 2365 | 3D | 2637 | 2D | 3086 | 4B | 3456 | 2C | 3620 | 1C | 3790 | 3D | 6285 | 4C | 7423 | 4F | 9314 | 4F | | |
| | 2044 | 3A | 2366 | 4D | 2640 | 2E | 3087 | 3B | 3457 | 2C | 3621 | 1C | 3844 | 3C | | | | | | | | |





CONNECTION MODULE

SYMETRIC VERSION



A 3 7261 B 2
G 1 7262 B 3

F 1
G 2

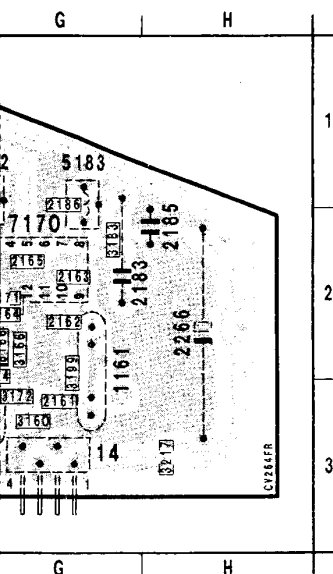
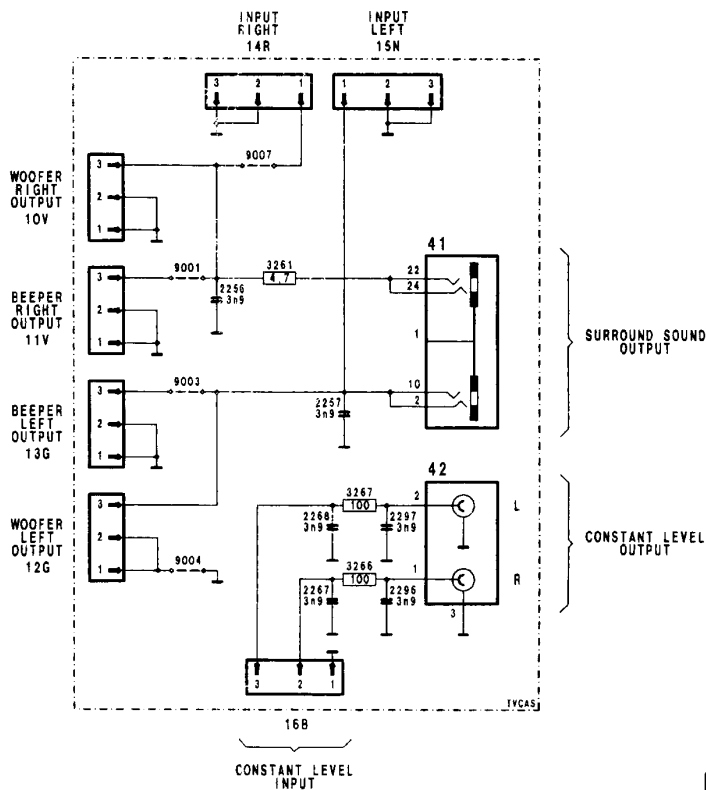
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F 1

B 2
F 2
G 2

F 2
E 2
F 1

C 2
B 2

HIGH STYLING



1 2 3 4 5 6 7 8 9

A

B

C

D

E

F

G

H

I

J

K

L

M

SVHS INTERFACE MODULE

1010

TVCA0

+14c 9906

+14d 9900

+14b 9907

+14a 9902

2907 2911 100n 100u

3919 37-1

37-2

2934 3935 3948 220 3933 220 3932

7905 HEF4053BP

2V32 3925 2932 16 15 OUTPUT 0 3V32

1V32 3923 2931 10 10 10 10 10

2V32 3924 2930 10 10 10 10 10

5V32 3921 2931 10 10 10 10 10

+14b 12.5V 3910 2912 3908 6.5V 2910 9905 37-10

37-9 3911 BC848B 4.6V 2905 100n 3926 100n CHROMA

5.5V 3912 3938 2913 220p +14b 9904 +14b 7904 HEF4053BP

1M31 3939 3937 2906 10u 3914 16 15 14 CVBS 0 3953 37-7

2M31 3936 3915 330 2909 82p 3916 12.5V 3909 7 3901 100n 1.5V 2908 100n

37-4 3917 12.5V 2.2V 7903 BC848B 2908 100n

3923 3924 3925 3926 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3946 3947 3948 3949 3950 3951 3952 3953 3954 3955 3956 3957 3958 3959 3960 3961 3962 3963 3964 3965 3966 3967 3968 3969 3970 3971 3972 3973 3974 3975 3976 3977 3978 3979 3980 3981 3982 3983 3984 3985 3986 3987 3988 3989 3990 3991 3992 3993 3994 3995 3996 3997 3998 3999 4000

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3901 4J 3904 3J 3905 4J 3906 3I 3907 3H

3908 5F 3909 4H 3910 4F 3911 3F 3912 3F

3913 5G 3914 5G 3915 4G 3916 4H 3917 7F

3918 7G 3919 7C 3920 5K 3921 4K 3922 4K

3923 7K 3924 3E 3925 3D 3926 5F 3930 5E

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3936 3G 3937 4G 3938 4F 3939 3G 3948 4D

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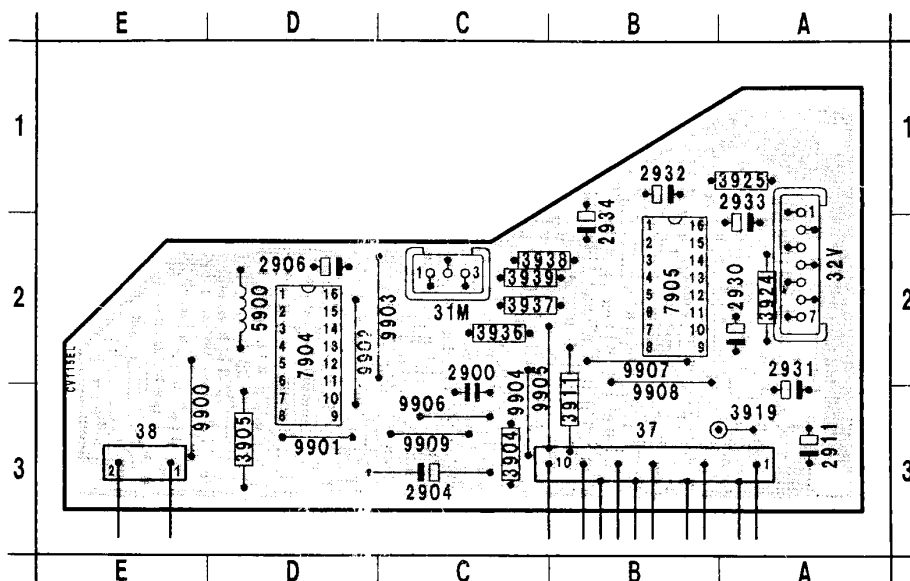
SVHS-5V TV = 0.2V

SVHS CONTROL

HEF SHOWN IN SVHS MODE

CHASSIS G110S

29



| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|------|---|---|
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| 38 | E | 3 | 2908 | C | 2 | 2934 | B | 2 | 3911 | B | 3 | 3921 | E | 2 | 3934 | A | 1 | 3954 | C | 2 | 7904 | D | 2 | 9907 | B | 2 |
| 31M | C | 2 | 2909 | B | 2 | 2900 | D | 2 | 3912 | B | 2 | 3922 | E | 3 | 3935 | B | 1 | 3955 | B | 3 | 7905 | B | 2 | 9908 | B | 3 |
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| 2906 | D | 2 | 2932 | B | 1 | 3909 | E | 3 | 3919 | A | 3 | 3932 | B | 2 | 3952 | E | 3 | 7902 | B | 2 | 9905 | C | 3 | | | |

